

Yulong Yin

List of Publications by Year in descending order

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Version: 2024-02-01

418
papers

17,717
citations

19608

61
h-index

24915

109
g-index

422
all docs

422
docs citations

422
times ranked

18930
citing authors

#	ARTICLE	IF	CITATIONS
1	The microbiota-gut-brain axis: A novel nutritional therapeutic target for growth retardation. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4867-4892.	5.4	12
2	Advanced single-cell pooled CRISPR screening identifies C19orf53 required for cell proliferation based on mTORC1 regulators. <i>Cell Biology and Toxicology</i> , 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. <i>Biological Trace Element Research</i> , 2022, 200, 609-614.	1.9	8
4	Comparisons of carcass traits, meat quality, and serum metabolome between Shaziling and Yorkshire pigs. <i>Animal Nutrition</i> , 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. <i>Animal Nutrition</i> , 2022, 8, 10-17.	2.1	7
6	Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile. <i>Environmental Pollution</i> , 2022, 293, 118572.	3.7	24
7	Long-read assembly of the Chinese indigenous Ningxiang pig genome and identification of genetic variations in fat metabolism among different breeds. <i>Molecular Ecology Resources</i> , 2022, 22, 1508-1520.	2.2	9
8	Changes in progenitors and differentiated epithelial cells of neonatal piglets. <i>Animal Nutrition</i> , 2022, 8, 265-276.	2.1	7
9	MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 677-695.	2.9	12
10	Balanced branched-chain amino acids modulate meat quality by adjusting muscle fiber type conversion and intramuscular fat deposition in finishing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 3796-3807.	1.7	16
11	Correlations of gestational hemoglobin level, placental trace elements content, and reproductive performances in pregnant sows. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	2
12	Dietary Beta-Hydroxy-Beta-Methyl Butyrate Supplementation Inhibits Hepatic Fat Deposition via Regulating Gut Microbiota in Broiler Chickens. <i>Microorganisms</i> , 2022, 10, 169.	1.6	8
13	Maternal iron supplementation during pregnancy affects placental function and iron status in offspring. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126950.	1.5	3
14	Melatonergic signalling instructs transcriptional inhibition of IFNGR2 to lessen interleukin-1 β -dependent inflammation. <i>Clinical and Translational Medicine</i> , 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. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 28.	2.1	13
16	Effects of Dietary Chlorogenic Acid Supplementation Derived from <i>Lonicera macranthoides</i> Hand-Mazz on Growth Performance, Free Amino Acid Profile, and Muscle Protein Synthesis in a Finishing Pig Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	4
17	China's low-emission pathways toward climate-neutral livestock production for animal-derived foods. <i>Innovation(China)</i> , 2022, 3, 100220.	5.2	15
18	Synthetic biology-driven customization of functional feed resources. <i>Trends in Biotechnology</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4942-4951.	2.4	8
20	Camellia (<i>Camellia oleifera</i> bel.) seed oil reprograms gut microbiota and alleviates lipid accumulation in high fat-fed mice through the mTOR pathway. <i>Food and Function</i> , 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. <i>Food and Function</i> , 2022, 13, 6217-6232.	2.1	2
22	Effect of riboflavin on intestinal development and intestinal epithelial cell function of weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, , .	1.0	4
23	Understanding the Immune System in Fetal Protection and Maternal Infections during Pregnancy. <i>Journal of Immunology Research</i> , 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. <i>Gut Microbes</i> , 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. <i>Journal of the Science of Food and Agriculture</i> , 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. <i>Bioelectrochemistry</i> , 2021, 137, 107634.	2.4	31
27	Mulberry leaf powder regulates antioxidative capacity and lipid metabolism in finishing pigs. <i>Animal Nutrition</i> , 2021, 7, 421-429.	2.1	29
28	Effects of circadian iron administration on iron bioavailability and biological rhythm in pigs. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2712-2717.	1.7	5
29	Postnatal growth retardation is associated with deteriorated intestinal mucosal barrier function using a porcine model. <i>Journal of Cellular Physiology</i> , 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. <i>European Journal of Nutrition</i> , 2021, 60, 2709-2718.	1.8	11
31	Effect of COVID-19 on animal breeding development in China and its countermeasures. <i>Animal Frontiers</i> , 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. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
33	The Landscape of Interactions between Hypoxia-Inducible Factors and Reactive Oxygen Species in the Gastrointestinal Tract. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Journal of Animal Science</i> , 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. <i>Animal Nutrition</i> , 2021, 7, 111-118.	2.1	19
36	Effects of varying dietary folic acid during weaning stress of piglets. <i>Animal Nutrition</i> , 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. <i>Animal Nutrition</i> , 2021, 7, 84-93.	2.1	20
38	Butyrate in Energy Metabolism: There Is Still More to Learn. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 159-169.	3.1	136
39	D-Galactose Induces Chronic Oxidative Stress and Alters Gut Microbiota in Weaned Piglets. <i>Frontiers in Physiology</i> , 2021, 12, 634283.	1.3	22
40	Dietary Beta-Hydroxy Beta-Methyl Butyrate Supplementation Alleviates Liver Injury in Lipopolysaccharide-Challenged Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	3
41	Metabolomic analysis of the egg yolk during the embryonic development of broilers. <i>Poultry Science</i> , 2021, 100, 101014.	1.5	16
42	GABA transporter sustains IL-1 β production in macrophages. <i>Science Advances</i> , 2021, 7, .	4.7	44
43	Dietary Supplementation With Chlorogenic Acid Derived From <i>Lonicera macranthoides</i> Hand-Mazz Improves Meat Quality and Muscle Fiber Characteristics of Finishing Pigs via Enhancement of Antioxidant Capacity. <i>Frontiers in Physiology</i> , 2021, 12, 650084.	1.3	13
44	YTHDF1 promotes NLRP3 translation to induce intestinal epithelial cell inflammatory injury during endotoxin shock. <i>Science China Life Sciences</i> , 2021, 64, 1988-1991.	2.3	16
45	Effects of <i>Amaranthus hypochondriacus</i> supplementation during gestation and lactation on the apparent total tract digestibility of nutrients, lactational feed intake, and litter performance in sows. <i>Veterinary Medicine and Small Animal Clinician's Supplement</i> , 2021, 7, 1860-1866.	0.6	2
46	Fullerene C60 Protects Against Intestinal Injury from Deoxynivalenol Toxicity by Improving Antioxidant Capacity. <i>Life</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	9
48	Taurine Reprograms Mammary-Gland Metabolism and Alleviates Inflammation Induced by <i>Streptococcus uberis</i> in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 696101.	2.2	19
49	Placental Angiogenesis in Mammals: A Review of the Regulatory Effects of Signaling Pathways and Functional Nutrients. <i>Advances in Nutrition</i> , 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. <i>Frontiers in Nutrition</i> , 2021, 8, 679129.	1.6	10
51	Different Proportions of Branched-Chain Amino Acids Modulate Lipid Metabolism in a Finishing Pig Model. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7037-7048.	2.4	28
52	Effect of Dietary Amylose/Amylopectin Ratio on Intestinal Health and Cecal Microbes' Profiles of Weaned Pigs Undergoing Feed Transition or Challenged With <i>Escherichia coli</i> Lipopolysaccharide. <i>Frontiers in Microbiology</i> , 2021, 12, 693839.	1.5	6
53	Dynamic Changes of Metabolite Profiles in Maternal Biofluids During Gestation Period in Huanjiang Mini-Pigs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 636943.	0.9	4
54	Starch supplementation improves the reproductive performance of sows in different glucose tolerance status. <i>Animal Nutrition</i> , 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. <i>Animals</i> , 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. <i>Frontiers in Microbiology</i> , 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. <i>Frontiers in Veterinary Science</i> , 2021, 8, 681192.	0.9	3
58	Nox2 impairs VEGF-A-induced angiogenesis in placenta via mitochondrial ROS-STAT3 pathway. <i>Redox Biology</i> , 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. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	3
60	Dietary high protein-induced diarrhea and intestinal inflammation by activation of NF- κ B signaling in piglets. <i>Animal Nutrition</i> , 2021, 7, 1070-1077.	2.1	7
61	The Role of Oxidative Stress and Antioxidant Balance in Pregnancy. <i>Mediators of Inflammation</i> , 2021, 2021, 1-11.	1.4	78
62	Resveratrol Improves Growth Performance, Intestinal Morphology, and Microbiota Composition and Metabolism in Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 726878.	1.5	20
63	Plant Extracts in Obesity: A Role of Gut Microbiota. <i>Frontiers in Nutrition</i> , 2021, 8, 727951.	1.6	12
64	The Role of Polyphenols in Regulation of Heat Shock Proteins and Gut Microbiota in Weaning Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	6
65	Probiotics and <i>Achyranthes bidentata</i> Polysaccharides Improve Growth Performance via Promoting Intestinal Nutrient Utilization and Enhancing Immune Function of Weaned Pigs. <i>Animals</i> , 2021, 11, 2617.	1.0	7
66	Effect of dietary histamine on intestinal morphology, inflammatory status, and gut microbiota in yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Fish and Shellfish Immunology</i> , 2021, 117, 95-103.	1.6	17
67	A water-soluble β -glucan improves growth performance by altering gut microbiome and health in weaned pigs. <i>Animal Nutrition</i> , 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. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 272-285.	1.0	9
69	Dietary Enteromorpha Polysaccharide Enhances Intestinal Immune Response, Integrity, and Caecal Microbial Activity of Broiler Chickens. <i>Frontiers in Nutrition</i> , 2021, 8, 783819.	1.6	23
70	Paternal Zn-deficiency abolishes metabolic effects in offspring induced by diet type. <i>Animal Nutrition</i> , 2021, 8, 310-320.	2.1	1
71	Effects of Different Supplemental Levels of <i>Eucommia ulmoides</i> Leaf Extract in the Diet on Carcass Traits and Lipid Metabolism in Growingâ€“Finishing Pigs. <i>Frontiers in Veterinary Science</i> , 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. <i>Frontiers in Veterinary Science</i> , 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. <i>Science China Life Sciences</i> , 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. <i>Archives of Animal Nutrition</i> , 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. <i>Biological Trace Element Research</i> , 2020, 195, 117-124.	1.9	18
76	Oxidative stress, nutritional antioxidants and beyond. <i>Science China Life Sciences</i> , 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. <i>Science China Life Sciences</i> , 2020, 63, 259-268.	2.3	17
78	Eucommia ulmoides flavones (EUF) abrogated enterocyte damage induced by LPS involved in NF- κ B signaling pathway. <i>Toxicology in Vitro</i> , 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. <i>Pharmacological Research</i> , 2020, 152, 104629.	3.1	112
80	Sulfur-containing amino acid supplementation to gilts from late pregnancy to lactation altered offspring's intestinal microbiota and plasma metabolites. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1227-1242.	1.7	27
81	Postnatal growth retardation is associated with intestinal mucosa mitochondrial dysfunction and aberrant energy status in piglets. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10100-10111.	1.6	9
82	Effects of iron on intestinal development and epithelial maturation of suckling piglets. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	9
83	Functional probiotics of lactic acid bacteria from Hu sheep milk. <i>BMC Microbiology</i> , 2020, 20, 228.	1.3	44
84	Melatonin Alleviates Neuroinflammation and Metabolic Disorder in DSS-Induced Depression Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	56
85	Effects of Iron Deficiency on Serum Metabolome, Hepatic Histology, and Function in Neonatal Piglets. <i>Animals</i> , 2020, 10, 1353.	1.0	13
86	Maternal serine supply from late pregnancy to lactation improves offspring performance through modulation of metabolic pathways. <i>Food and Function</i> , 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. <i>BioMed Research International</i> , 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. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 86.	2.1	24
89	Dietary Insect Powder Protein Sources Improve Protein Utilization by Regulation on Intestinal Amino Acid-Chemosensing System. <i>Animals</i> , 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. <i>Food and Function</i> , 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. <i>Frontiers in Immunology</i> , 2020, 11, 580208.	2.2	74
92	Role of Dietary Amino Acids and Nutrient Sensing System in Pregnancy Associated Disorders. <i>Frontiers in Pharmacology</i> , 2020, 11, 586979.	1.6	20
93	Effects of Paper Mulberry (<i>Broussonetia papyrifera</i>) Leaf Extract on Growth Performance and Fecal Microflora of Weaned Piglets. <i>BioMed Research International</i> , 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. <i>Animals</i> , 2020, 10, 1998.	1.0	11
95	Leucine Supplementation: A Novel Strategy for Modulating Lipid Metabolism and Energy Homeostasis. <i>Nutrients</i> , 2020, 12, 1299.	1.7	38
96	Effects of dose and duration of dietary copper administration on hepatic lipid peroxidation and ultrastructure alteration in piglets's model. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126561.	1.5	12
97	Using rice as a remediating plant to deplete bioavailable arsenic from paddy soils. <i>Environment International</i> , 2020, 141, 105799.	4.8	26
98	Chloroquine Improves Deoxynivalenol-Induced Inflammatory Response and Intestinal Mucosal Damage in Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5403-5411.	1.7	2
100	Protein Level and Infantile Diarrhea in a Postweaning Piglet Model. <i>Mediators of Inflammation</i> , 2020, 2020, 1-15.	1.4	13
101	Protective effects of taurine against muscle damage induced by diquat in 35% days weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 56.	2.1	16
102	Placentae for Low Birth Weight Piglets Are Vulnerable to Oxidative Stress, Mitochondrial Dysfunction, and Impaired Angiogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	29
103	Effects of GABA Supplementation on Intestinal SlgA Secretion and Gut Microbiota in the Healthy and ETEC-Infected Weanling Piglets. <i>Mediators of Inflammation</i> , 2020, 2020, 1-17.	1.4	13
104	Chloroquine Downregulation of Intestinal Autophagy to Alleviate Biological Stress in Early-Weaned Piglets. <i>Animals</i> , 2020, 10, 290.	1.0	14
105	Effects of stocking density on growth performance, blood parameters and immunity of growing pigs. <i>Animal Nutrition</i> , 2020, 6, 529-534.	2.1	4
106	Dietary glutamine, glutamate, and aspartate supplementation improves hepatic lipid metabolism in post-weaning piglets. <i>Animal Nutrition</i> , 2020, 6, 124-129.	2.1	13
107	Functional bioactive substance improves the growth performance, antioxidant capacity and immune function of growth retardation pigs. <i>Food and Agricultural Immunology</i> , 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. <i>Journal of Animal Science</i> , 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. <i>Current Molecular Medicine</i> , 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. <i>Journal of Animal Science</i> , 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. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	20
112	Gut microbiota and blood metabolomics in weaning multiparous sows: Associations with oestrous. <i>Journal of Animal Physiology and Animal Nutrition</i> , 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. <i>Journal of Animal Physiology and Animal Nutrition</i> , 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. <i>Journal of Animal Science</i> , 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-arginine. <i>Journal of Animal Physiology and Animal Nutrition</i> , 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. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	12
117	Impacts of Amino Acids on the Intestinal Defensive System. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1265, 133-151.	0.8	16
118	The Effects of Butyric Acid on the Differentiation, Proliferation, Apoptosis, and Autophagy of IPEC-J2 Cells. <i>Current Molecular Medicine</i> , 2020, 20, 307-317.	0.6	10
119	Responses of Intestinal Microbiota and Immunity to Increasing Dietary Levels of Iron Using a Piglet Model. <i>Frontiers in Cell and Developmental Biology</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	5
121	The Effects of Lauric Acid on IPEC-J2 Cell Differentiation, Proliferation, and Death. <i>Current Molecular Medicine</i> , 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. <i>Biological Rhythm Research</i> , 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. <i>Science China Life Sciences</i> , 2019, 62, 1550-1553.	2.3	9
124	Protective effect of chicken egg yolk immunoglobulins (IgY) against enterotoxigenic <i>Escherichia coli</i> K88 adhesion in weaned piglets. <i>BMC Veterinary Research</i> , 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. <i>Food Chemistry</i> , 2019, 300, 125176.	4.2	98
126	Cecropin A Alleviates Inflammation Through Modulating the Gut Microbiota of C57BL/6 Mice With DSS-Induced IBD. <i>Frontiers in Microbiology</i> , 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. <i>RSC Advances</i> , 2019, 9, 23119-23128.	1.7	17
128	The production of short chain fatty acid and colonic development in weaning piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1530-1537.	1.0	17
129	The time of Calcium Feeding Affects the Productive Performance of Sows. <i>Animals</i> , 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. <i>Animal Science Journal</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	38
132	Dietary mulberry leaf powder affects growth performance, carcass traits and meat quality in finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 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 piglets ¹ . <i>Journal of Animal Science</i> , 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. <i>ACS Sensors</i> , 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. <i>Food and Function</i> , 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. <i>Frontiers in Microbiology</i> , 2019, 10, 1767.	1.5	25
137	Dietary supplementation with fermented Mao-tai lees beneficially affects gut microbiota structure and function in pigs. <i>AMB Express</i> , 2019, 9, 26.	1.4	21
138	Effects of maternal alpha-ketoglutarate supplementation during lactation on the performance of lactating sows and suckling piglets. <i>Archives of Animal Nutrition</i> , 2019, 73, 457-471.	0.9	6
139	Arsenic removal from flooded paddy soil with spontaneous hygrophyte markedly attenuates rice grain arsenic. <i>Environment International</i> , 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 offspring ¹ . <i>Journal of Animal Science</i> , 2019, 97, 4608-4618.	0.2	20
141	Influence of supplemented coated-cysteamine on morphology, apoptosis and oxidative stress status of gastrointestinal tract. <i>BMC Veterinary Research</i> , 2019, 15, 328.	0.7	9
142	Post-natal Growth Retardation Associated With Impaired Gut Hormone Profiles, Immune and Antioxidant Function in Pigs. <i>Frontiers in Endocrinology</i> , 2019, 10, 660.	1.5	10
143	Effects of dietary gamma-aminobutyric acid supplementation on the intestinal functions in weaning piglets. <i>Food and Function</i> , 2019, 10, 366-378.	2.1	42
144	Glutamate effects on sucking piglet intestinal morphology and luminal metabolites. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 612-617.	1.0	5

#	ARTICLE	IF	CITATIONS
145	Effects of dietary supplementation with epidermal growth factor on nutrient digestibility, intestinal development and expression of nutrient transporters in early-weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 618-625.	1.0	21
146	Dietary microRNA—A Novel Functional Component of Food. <i>Advances in Nutrition</i> , 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 piglets. <i>Journal of Animal Science</i> , 2019, 97, 3795-3808.	0.2	16
148	Uridine/UMP metabolism and their function on the gut in segregated early weaned piglets. <i>Food and Function</i> , 2019, 10, 4081-4089.	2.1	21
149	Gut microbiota mediates the protective effects of dietary β -hydroxy β -methylbutyrate (HMB) against obesity induced by high-fat diets. <i>FASEB Journal</i> , 2019, 33, 10019-10033.	0.2	55
150	Molecular characterization and taurine regulation of two novel CDOs (CDO1 and CDO2) from <i>Carassius auratus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 235, 54-61.	0.7	7
151	Highly sensitive determination of L-tyrosine in pig serum based on ultrathin CuS nanosheets composite electrode. <i>Biosensors and Bioelectronics</i> , 2019, 140, 111356.	5.3	32
152	Effect of chicken egg yolk immunoglobulins on serum biochemical profiles and intestinal bacterial populations in early-weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1503-1511.	1.0	8
153	Unraveling the association of fecal microbiota and oxidative stress with stillbirth rate of sows. <i>Theriogenology</i> , 2019, 136, 131-137.	0.9	41
154	<i>Macleaya cordata</i> extract alleviated oxidative stress and altered innate immune response in mice challenged with enterotoxigenic <i>Escherichia coli</i> . <i>Science China Life Sciences</i> , 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. <i>Science China Life Sciences</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5096-5104.	2.4	22
157	Effects of <i>Enterococcus faecalis</i> on egg production, egg quality and caecal microbiota of hens during the late laying period. <i>Archives of Animal Nutrition</i> , 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. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 791-800.	1.0	10
159	Single-Stranded DNA-Binding Protein and Exogenous RecBCD Inhibitors Enhance Phage-Derived Homologous Recombination in <i>Pseudomonas</i> . <i>IScience</i> , 2019, 14, 1-14.	1.9	43
160	Quorum Sensing: A Prospective Therapeutic Target for Bacterial Diseases. <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	199
161	Use of coated nano zinc oxide as an additive to improve the zinc excretion and intestinal morphology of growing pigs. <i>Journal of Animal Science</i> , 2019, 97, 1772-1783.	0.2	18
162	Nutritional Intervention for the Intestinal Development and Health of Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2019, 6, 46.	0.9	111

#	ARTICLE	IF	CITATIONS
163	Dietary Lysozyme Alters Sow's Gut Microbiota, Serum Immunity and Milk Metabolite Profile. <i>Frontiers in Microbiology</i> , 2019, 10, 177.	1.5	22
164	Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019, 10, 321-330.	2.9	121
165	The effects of dietary supplementation with hyodeoxycholic acid on the differentiation and function of enteroendocrine cells and the serum biochemical indices in weaned piglets. <i>Journal of Animal Science</i> , 2019, 97, 1796-1805.	0.2	10
166	353 Starch to fat ratio in piglet nutrition. <i>Journal of Animal Science</i> , 2019, 97, 124-125.	0.2	0
167	PSVI-40 Effects of dietary glucan on intestinal morphology, immunity response, barrier function and antioxidant capacity in weaning pigs. <i>Journal of Animal Science</i> , 2019, 97, 212-213.	0.2	1
168	92 Postnatal growth retardation impairs intestinal mucosal barrier in piglets. <i>Journal of Animal Science</i> , 2019, 97, 78-78.	0.2	0
169	Effect of Dietary Copper on Intestinal Microbiota and Antimicrobial Resistance Profiles of <i>Escherichia coli</i> in Weaned Piglets. <i>Frontiers in Microbiology</i> , 2019, 10, 2808.	1.5	33
170	PSXIII-23 Dietary glutamine, glutamate, and aspartate supplementation improves morphology and intercellular junction of small intestine in piglets. <i>Journal of Animal Science</i> , 2019, 97, 472-474.	0.2	0
171	PSIII-11 Effect of dietary lactic acid bacteria level on reproductive performance and plasma indices in lactating sows. <i>Journal of Animal Science</i> , 2019, 97, 187-188.	0.2	0
172	Resveratrol Attenuates Oxidative Stress-Induced Intestinal Barrier Injury through PI3K/Akt-Mediated Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	196
173	GABA attenuates ETEC-induced intestinal epithelial cell apoptosis involving GABA _A signaling and the AMPK-autophagy pathway. <i>Food and Function</i> , 2019, 10, 7509-7522.	2.1	22
174	What Is the Impact of Diet on Nutritional Diarrhea Associated with Gut Microbiota in Weaning Piglets: A System Review. <i>BioMed Research International</i> , 2019, 2019, 1-14.	0.9	64
175	Effects of dietary lysozyme levels on growth performance, intestinal morphology, immunity response and microbiota community of growing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1643-1650.	1.7	34
176	Melatonin in macrophage biology: Current understanding and future perspectives. <i>Journal of Pineal Research</i> , 2019, 66, e12547.	3.4	152
177	Negative effects on newborn piglets caused by excess dietary tryptophan in the morning in sows. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3005-3016.	1.7	7
178	Dietary vitamin E affects small intestinal histomorphology, digestive enzyme activity, and the expression of nutrient transporters by inhibiting proliferation of intestinal epithelial cells within jejunum in weaned piglets. <i>Journal of Animal Science</i> , 2019, 97, 1212-1221.	0.2	40
179	Effects of dynamic feeding low- and high-methionine diets on the variation of glucose and lipid metabolism-related genes in the liver of laying hens. <i>Poultry Science</i> , 2019, 98, 2231-2240.	1.5	13
180	Natural Products from Mammalian Gut Microbiota. <i>Trends in Biotechnology</i> , 2019, 37, 492-504.	4.9	54

#	ARTICLE	IF	CITATIONS
181	Long-term ingestion of low amylose/amylopectin ratio diet affects aspects of meat quality by changing muscle fibre characteristics in growing-finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 644-652.	1.0	2
182	Slc6a13 deficiency promotes Th17 responses during intestinal bacterial infection. <i>Mucosal Immunology</i> , 2019, 12, 531-544.	2.7	30
183	Rapid Communication: The relationship of enterocyte proliferation with intestinal morphology and nutrient digestibility in weaning piglets. <i>Journal of Animal Science</i> , 2019, 97, 353-358.	0.2	33
184	Recombineering <i>Pseudomonas protegens</i> CHA0: An innovative approach that improves nitrogen fixation with impressive bactericidal potency. <i>Microbiological Research</i> , 2019, 218, 58-65.	2.5	16
185	Taurine is Involved in Energy Metabolism in Muscles, Adipose Tissue, and the Liver. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800536.	1.5	121
186	Recent advances in understanding of amino acid signaling to mTORC1 activation. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 971-982.	3.0	17
187	Monosodium L-glutamate and fats change free fatty acid concentrations in intestinal contents and affect free fatty acid receptors express profile in growing pigs. <i>Food and Nutrition Research</i> , 2019, 63, .	1.2	3
188	Differences in Gut Microbial and Serum Biochemical Indices Between Sows With Different Productive Capacities During Perinatal Period. <i>Frontiers in Microbiology</i> , 2019, 10, 3047.	1.5	22
189	Effects of coated cysteamine hydrochloride on muscle fiber characteristics and amino acid composition of finishing pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1430-1438.	2.4	11
190	Activation of Pyruvate Dehydrogenase by Sodium Dichloroacetate Shifts Metabolic Consumption from Amino Acids to Glucose in IPEC-J2 Cells and Intestinal Bacteria in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3793-3800.	2.4	7
191	Identification of a contact-dependent growth inhibition system in the probiotic <i>Escherichia coli</i> Nissle 1917. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	8
192	Deposition and transport of trace mineral elements were affected by stocking density in fattening pigs. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 566-571.	1.5	3
193	Role of D-aspartate on biosynthesis, racemization, and potential functions: A mini-review. <i>Animal Nutrition</i> , 2018, 4, 311-315.	2.1	15
194	Metabolic Regulation of Methionine Restriction in Diabetes. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700951.	1.5	41
195	Effects of dietary lysine restriction on inflammatory responses in piglets. <i>Scientific Reports</i> , 2018, 8, 2451.	1.6	33
196	The effects of dietary sulfur amino acids on growth performance, intestinal morphology, enzyme activity, and nutrient transporters in weaning piglets. <i>Journal of Animal Science</i> , 2018, 96, 1130-1139.	0.2	24
197	Effect of dietary copper source (inorganic vs. chelated) on immune response, mineral status, and fecal mineral excretion in nursery piglets. <i>Food and Agricultural Immunology</i> , 2018, 29, 548-563.	0.7	10
198	β -Hydroxy- β -methyl Butyrate Is More Potent Than Leucine in Inhibiting Starvation-Induced Protein Degradation in C2C12 Myotubes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 170-176.	2.4	19

#	ARTICLE	IF	CITATIONS
199	Effects of dietary ramie powder at various levels on carcass traits and meat quality in finishing pigs. <i>Meat Science</i> , 2018, 143, 52-59.	2.7	44
200	Protein restriction and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 256-262.	3.3	45
201	Dietary butyrate glycerides modulate intestinal microbiota composition and serum metabolites in broilers. <i>Scientific Reports</i> , 2018, 8, 4940.	1.6	32
202	Circadian calcium feeding regime in laying hens related to zinc concentration, gene expression of circadian clock, calcium transporters and oxidative status. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 518-526.	1.5	8
203	Effects of a daily three-meal pattern with different dietary protein contents on pig growth performance, carcass and muscle quality traits. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 415-421.	1.7	17
204	Circadian rhythms and dynamic dietary calcium feeding affect laying performance, calcium and phosphorus levels in laying hens. <i>Biological Rhythm Research</i> , 2018, 49, 227-236.	0.4	8
205	Hyperhomocysteinemia and cardiovascular disease in animal model. <i>Amino Acids</i> , 2018, 50, 3-9.	1.2	34
206	Effects of dietary coated cysteamine hydrochloride on pork color in finishing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1743-1750.	1.7	13
207	Melatonin alleviates weanling stress in mice: Involvement of intestinal microbiota. <i>Journal of Pineal Research</i> , 2018, 64, e12448.	3.4	133
208	Serine prevented high-fat diet-induced oxidative stress by activating AMPK and epigenetically modulating the expression of glutathione synthesis-related genes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 488-498.	1.8	112
209	Beyond immunity: The Imd pathway as a coordinator of host defense, organismal physiology and behavior. <i>Developmental and Comparative Immunology</i> , 2018, 83, 51-59.	1.0	54
210	Betaine Inhibits Interleukin-1 β Production and Release: Potential Mechanisms. <i>Frontiers in Immunology</i> , 2018, 9, 2670.	2.2	49
211	Fetal Huanjiang mini-pigs exhibit differences in nutrient composition according to body weight and gestational period. <i>PLoS ONE</i> , 2018, 13, e0199939.	1.1	5
212	Dietary Supplementation With Chinese Herbal Residues or Their Fermented Products Modifies the Colonic Microbiota, Bacterial Metabolites, and Expression of Genes Related to Colon Barrier Function in Weaned Piglets. <i>Frontiers in Microbiology</i> , 2018, 9, 3181.	1.5	15
213	Effects of dietary ramie powder at various levels on growth performance, antioxidative capacity and fatty acid profile of finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 103, 564-573.	1.0	9
214	Energy metabolism in the intestinal crypt epithelial cells of piglets during the suckling period. <i>Scientific Reports</i> , 2018, 8, 12948.	1.6	7
215	Metabolic and Proteomic Responses to Long-Term Protein Restriction in a Pig Model. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12571-12579.	2.4	13
216	Prevention of Oxidative Stress by β -Ketoglutarate via Activation of CAR Signaling and Modulation of the Expression of Key Antioxidant-Associated Targets in Vivo and in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11273-11283.	2.4	31

#	ARTICLE	IF	CITATIONS
217	Involvement of calcium-sensing receptor activation in the alleviation of intestinal inflammation in a piglet model by dietary aromatic amino acid supplementation. <i>British Journal of Nutrition</i> , 2018, 120, 1321-1331.	1.2	27
218	Melatonin reprogramming of gut microbiota improves lipid dysmetabolism in high-fat diet-fed mice. <i>Journal of Pineal Research</i> , 2018, 65, e12524.	3.4	314
219	The Regulatory Role of MeAIB in Protein Metabolism and the mTOR Signaling Pathway in Porcine Enterocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 714.	1.8	4
220	Suckling Piglet Intestinal Enterocyte Nutrient Metabolism Changes. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2103-2113.	1.1	4
221	Dietary sulfur amino acids affect jejunal cell proliferation and functions by affecting antioxidant capacity, Wnt/ β -catenin, and the mechanistic target of rapamycin signaling pathways in weaning piglets. <i>Journal of Animal Science</i> , 2018, 96, 5124-5133.	0.2	27
222	Glutamine supplementation improves intestinal cell proliferation and stem cell differentiation in weanling mice. <i>Food and Nutrition Research</i> , 2018, 62, .	1.2	29
223	Effect of dietary L-ketoglutarate and allicin supplementation on the composition and diversity of the cecal microbial community in growing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5816-5821.	1.7	18
224	Effect of dietary soy oil, glucose, and glutamine on growth performance, amino acid profile, blood profile, immunity, and antioxidant capacity in weaned piglets. <i>Science China Life Sciences</i> , 2018, 61, 1233-1242.	2.3	43
225	Optimal branched-chain amino acid ratio improves cell proliferation and protein metabolism of porcine enterocytes in vivo and in vitro. <i>Nutrition</i> , 2018, 54, 173-181.	1.1	20
226	Intestinal enteroendocrine L cells in amino acid sensing and diseases. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1740-1753.	3.0	7
227	Glucose and amino acid in enterocyte absorption metabolism and maturation. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1721-1739.	3.0	41
228	Effects of Dietary Serine Supplementation on Intestinal Integrity, Inflammation and Oxidative Status in Early-Weaned Piglets. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 993-1002.	1.1	43
229	Peptide inhibitors of chloride channels for treating secretory diarrhea. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1780-1788.	3.0	2
230	Amino Acids As Mediators of Metabolic Cross Talk between Host and Pathogen. <i>Frontiers in Immunology</i> , 2018, 9, 319.	2.2	87
231	Implication of G Protein-Coupled Receptor 43 in Intestinal Inflammation: A Mini-Review. <i>Frontiers in Immunology</i> , 2018, 9, 1434.	2.2	51
232	Gut Microbiota and Type 1 Diabetes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 995.	1.8	148
233	Cecropin A Modulates Tight Junction-Related Protein Expression and Enhances the Barrier Function of Porcine Intestinal Epithelial Cells by Suppressing the MEK/ERK Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1941.	1.8	34
234	Metabolomic Profiles Reveal Potential Factors that Correlate with Lactation Performance in Sow Milk. <i>Scientific Reports</i> , 2018, 8, 10712.	1.6	31

#	ARTICLE	IF	CITATIONS
235	Low-Protein Diets Decrease Porcine Nitrogen Excretion but with Restrictive Effects on Amino Acid Utilization. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8262-8271.	2.4	13
236	Impact of the Gut Microbiota on Intestinal Immunity Mediated by Tryptophan Metabolism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 13.	1.8	770
237	Dietary proline supplementation alters colonic luminal microbiota and bacterial metabolite composition between days 45 and 70 of pregnancy in Huanjiang mini-pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 18.	2.1	56
238	Intestinal microbiota in growing pigs: effects of stocking density. <i>Food and Agricultural Immunology</i> , 2018, 29, 524-535.	0.7	2
239	Effects of glutamate and aspartate on growth performance, serum amino acids, and amino acid transporters in piglets. <i>Food and Agricultural Immunology</i> , 2018, 29, 675-687.	0.7	13
240	The effect of dietary protein intake on immune status in pigs of different genotypes. <i>Food and Agricultural Immunology</i> , 2018, 29, 776-784.	0.7	8
241	Pyruvate is an effective substitute for glutamate in regulating porcine nitrogen excretion. <i>Journal of Animal Science</i> , 2018, 96, 3804-3814.	0.2	10
242	Differential Analysis of Gut Microbiota Correlated With Oxidative Stress in Sows With High or Low Litter Performance During Lactation. <i>Frontiers in Microbiology</i> , 2018, 9, 1665.	1.5	43
243	Long-Term L-Serine Administration Reduces Food Intake and Improves Oxidative Stress and Sirt1/NF κ B Signaling in the Hypothalamus of Aging Mice. <i>Frontiers in Endocrinology</i> , 2018, 9, 476.	1.5	35
244	Extraction and identification of the chyme proteins in the digestive tract of growing pigs. <i>Science China Life Sciences</i> , 2018, 61, 1396-1406.	2.3	4
245	Crosstalk Between Nuclear Glucose-Regulated Protein 78 and Tumor Protein 53 Contributes to the Lipopolysaccharide Aggravated Apoptosis of Endoplasmic Reticulum Stress-Responsive Porcine Intestinal Epithelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2441-2455.	1.1	8
246	Potential Mechanisms Connecting Purine Metabolism and Cancer Therapy. <i>Frontiers in Immunology</i> , 2018, 9, 1697.	2.2	275
247	Transcriptomic analysis on responses of the liver and kidney of finishing pigs fed cadmium contaminated rice. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 2964-2972.	1.7	9
248	Effect of dietary different energy sources on the growth performance, amino acid profile, blood profile, intestinal morphology and digestive enzyme in weaned piglets. <i>FASEB Journal</i> , 2018, 32, 812.4.	0.2	1
249	Dietary coated cysteamine improves antioxidant status of muscle in pig model. <i>FASEB Journal</i> , 2018, 32, 767.2.	0.2	0
250	Exploring polyamines: Functions in embryo/fetal development. <i>Animal Nutrition</i> , 2017, 3, 7-10.	2.1	28
251	Melatonin signaling in T cells: Functions and applications. <i>Journal of Pineal Research</i> , 2017, 62, e12394.	3.4	154
252	AMPK/ β -Ketoglutarate Axis Regulates Intestinal Water and Ion Homeostasis in Young Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2287-2298.	2.4	35

#	ARTICLE	IF	CITATIONS
253	Amino-acid transporters in T-cell activation and differentiation. <i>Cell Death and Disease</i> , 2017, 8, e2655-e2655.	2.7	102
254	Metabolic control of myofibers: promising therapeutic target for obesity and type 2 diabetes. <i>Obesity Reviews</i> , 2017, 18, 647-659.	3.1	55
255	Comparative ileal digestibility of amino acids in 00-rapeseed meal and rapeseed meal fed to growing male broilers. <i>Poultry Science</i> , 2017, 96, 2736-2742.	1.5	9
256	Roles of amino acids in preventing and treating intestinal diseases: recent studies with pig models. <i>Amino Acids</i> , 2017, 49, 1277-1291.	1.2	54
257	Diurnal rhythm in mRNA expression of genes encoding amino acid transporter and circadian gene cry in intestinal mucosa of piglets. <i>Biological Rhythm Research</i> , 2017, 48, 663-671.	0.4	5
258	Functions of pregnane X receptor in self-detoxification. <i>Amino Acids</i> , 2017, 49, 1999-2007.	1.2	20
259	L-Glutamine and L-arginine protect against enterotoxigenic <i>Escherichia coli</i> infection via intestinal innate immunity in mice. <i>Amino Acids</i> , 2017, 49, 1945-1954.	1.2	56
260	Effects of Low-Protein Diets Supplemented with Branched-Chain Amino Acid on Lipid Metabolism in White Adipose Tissue of Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2839-2848.	2.4	25
261	Effects of Lysine deficiency and Lys-Lys dipeptide on cellular apoptosis and amino acids metabolism. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600754.	1.5	38
262	Diurnal variations in polyunsaturated fatty acid contents and expression of genes involved in their de novo synthesis in pigs. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 430-434.	1.0	21
263	Environmental Sustainability Analysis and Nutritional Strategies of Animal Production in China. <i>Annual Review of Animal Biosciences</i> , 2017, 5, 171-184.	3.6	15
264	A Maternal Two-meal Feeding Sequence with Varying Crude Protein Affects Milk Lipid Profile in A Sow-Piglet Model. <i>Scientific Reports</i> , 2017, 7, 13742.	1.6	5
265	Effects of Long-Term Protein Restriction on Meat Quality, Muscle Amino Acids, and Amino Acid Transporters in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 9297-9304.	2.4	68
266	Pig models on intestinal development and therapeutics. <i>Amino Acids</i> , 2017, 49, 2099-2106.	1.2	19
267	The Protein and Energy Metabolic Response of Skeletal Muscle to the Low-Protein Diets in Growing Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8544-8551.	2.4	14
268	<i>Escherichia coli</i> aggravates endoplasmic reticulum stress and triggers CHOP-dependent apoptosis in weaned pigs. <i>Amino Acids</i> , 2017, 49, 2073-2082.	1.2	16
269	The role of methionine on metabolism, oxidative stress, and diseases. <i>Amino Acids</i> , 2017, 49, 2091-2098.	1.2	327
270	Melatonin alters amino acid metabolism and inflammatory responses in colitis mice. <i>Amino Acids</i> , 2017, 49, 2065-2071.	1.2	17

#	ARTICLE	IF	CITATIONS
271	Alanyl-glutamine but not glycyl-glutamine improved the proliferation of enterocytes as glutamine substitution in vitro. <i>Amino Acids</i> , 2017, 49, 2023-2031.	1.2	18
272	Polyamines: therapeutic perspectives in oxidative stress and inflammatory diseases. <i>Amino Acids</i> , 2017, 49, 1457-1468.	1.2	40
273	The effect of aspartate supplementation on the microbial composition and innate immunity on mice. <i>Amino Acids</i> , 2017, 49, 2045-2051.	1.2	32
274	Serine alleviates oxidative stress via supporting glutathione synthesis and methionine cycle in mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700262.	1.5	127
275	Effect of deoxynivalenol on apoptosis, barrier function, and expression levels of genes involved in nutrient transport, mitochondrial biogenesis and function in IPEC-J2 cells. <i>Toxicology Research</i> , 2017, 6, 866-877.	0.9	34
276	Lysine Restriction Affects Feed Intake and Amino Acid Metabolism via Gut Microbiome in Piglets. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1749-1761.	1.1	98
277	Diurnal variations in iron concentrations and expression of genes involved in iron absorption and metabolism in pigs. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1210-1214.	1.0	29
278	Effects of dietary supplementation with cupreous N-carbamylglutamate (NCG) chelate and copper sulfate on growth performance, serum biochemical profile and immune response, tissue mineral levels and fecal excretion of mineral in weaning piglets. <i>Food and Agricultural Immunology</i> , 2017, 28, 1315-1329.	0.7	10
279	Myokines and adipokines: Involvement in the crosstalk between skeletal muscle and adipose tissue. <i>Cytokine and Growth Factor Reviews</i> , 2017, 33, 73-82.	3.2	202
280	Effect of branched-chain amino acid ratio on the proliferation, differentiation, and expression levels of key regulators involved in protein metabolism of myocytes. <i>Nutrition</i> , 2017, 36, 8-16.	1.1	41
281	Alpha-ketoglutarate suppresses the NF- κ B-mediated inflammatory pathway and enhances the PXR-regulated detoxification pathway. <i>Oncotarget</i> , 2017, 8, 102974-102988.	0.8	29
282	Dietary <i>Saccharomyces cerevisiae</i> Cell Wall Extract Supplementation Alleviates Oxidative Stress and Modulates Serum Amino Acids Profiles in Weaned Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	1.9	29
283	L-Glutamine Attenuates Apoptosis Induced by Endoplasmic Reticulum Stress by Activating the IRE1 α -XBP1 Axis in IPEC-J2: A Novel Mechanism of L-Glutamine in Promoting Intestinal Health. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2617.	1.8	25
284	Expression of proteins in intestinal middle villus epithelial cells of weaning piglets. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 539-557.	3.0	6
285	Redox Properties of Tryptophan Metabolism and the Concept of Tryptophan Use in Pregnancy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1595.	1.8	32
286	DNA Methylation and the Potential Role of Methyl-Containing Nutrients in Cardiovascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	1.9	13
287	The Evaluation of Antioxidant and Anti-Inflammatory Effects of <i>Eucommia ulmoides</i> Flavones Using Diquat-Challenged Piglet Models. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	1.9	49
288	Roles of Dietary Amino Acids and Their Metabolites in Pathogenesis of Inflammatory Bowel Disease. <i>Mediators of Inflammation</i> , 2017, 2017, 1-9.	1.4	30

#	ARTICLE	IF	CITATIONS
289	Crosstalk between Tryptophan Metabolism and Cardiovascular Disease, Mechanisms, and Therapeutic Implications. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-5.	1.9	50
290	Modulatory Mechanism of Polyphenols and Nrf2 Signaling Pathway in LPS Challenged Pregnancy Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	23
291	Administration of alpha-ketoglutarate improves epithelial restitution under stress injury in early-weaning piglets. <i>Oncotarget</i> , 2017, 8, 91965-91978.	0.8	33
292	Effects of dietary nutrient levels on microbial community composition and diversity in the ileal contents of pregnant Huanjiang mini-pigs. <i>PLoS ONE</i> , 2017, 12, e0172086.	1.1	28
293	Alteration of muscle fiber characteristics and the AMPK-SIRT1-PGC-1 β axis in skeletal muscle of growing pigs fed low-protein diets with varying branched-chain amino acid ratios. <i>Oncotarget</i> , 2017, 8, 107011-107021.	0.8	25
294	Mitochondrial pathway is involved in the protective effects of alpha-ketoglutarate on hydrogen peroxide induced damage to intestinal cells. <i>Oncotarget</i> , 2017, 8, 74820-74835.	0.8	20
295	Human interstitial cellular model in therapeutics of heart valve calcification. <i>Amino Acids</i> , 2017, 49, 1981-1997.	1.2	6
296	New Quantitative Structure-Activity Relationship Model for Angiotensin-Converting Enzyme Inhibitory Dipeptides Based on Integrated Descriptors. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 9774-9781.	2.4	26
297	Molecular cloning, characterization and expression analysis of Frizzled 6 in the small intestine of pigs (<i>Sus scrofa</i>). <i>PLoS ONE</i> , 2017, 12, e0179421.	1.1	5
298	Toxicity assessment of hydrogen peroxide on Toll-like receptor system, apoptosis, and mitochondrial respiration in piglets and IPEC-J2 cells. <i>Oncotarget</i> , 2017, 8, 3124-3131.	0.8	25
299	The role of nitric oxide pathway in arginine transport and growth of IPEC-1 cells. <i>Oncotarget</i> , 2017, 8, 29976-29983.	0.8	7
300	Alpha-ketoglutarate (AKG) lowers body weight and affects intestinal innate immunity through influencing intestinal microbiota. <i>Oncotarget</i> , 2017, 8, 38184-38192.	0.8	25
301	Methionine restriction on oxidative stress and immune response in dss-induced colitis mice. <i>Oncotarget</i> , 2017, 8, 44511-44520.	0.8	55
302	AMPK Regulation of Glucose, Lipid and Protein Metabolism: Mechanisms and Nutritional Significance. <i>Current Protein and Peptide Science</i> , 2017, 18, 562-570.	0.7	22
303	Interferon Tau Affects Mouse Intestinal Microbiota and Expression of IL-17. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9.	1.4	21
304	Health-Promoting Properties of <i>Eucommia ulmoides</i> : A Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.	0.5	54
305	<i>Macleaya cordata</i> Extract Decreased Diarrhea Score and Enhanced Intestinal Barrier Function in Growing Piglets. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	33
306	Effect of High Dietary Tryptophan on Intestinal Morphology and Tight Junction Protein of Weaned Pig. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	58

#	ARTICLE	IF	CITATIONS
307	Oxidative Stress and Inflammation: What Polyphenols Can Do for Us?. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	1,221
308	Differential proteome analysis along jejunal crypt-villus axis in piglets. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 343-363.	3.0	19
309	Glutamine-Induced Secretion of Intestinal Secretory Immunoglobulin A: A Mechanistic Perspective. <i>Frontiers in Immunology</i> , 2016, 7, 503.	2.2	54
310	Quercetin, Inflammation and Immunity. <i>Nutrients</i> , 2016, 8, 167.	1.7	1,119
311	N-Acetyl-L-cysteine Protects the Enterocyte against Oxidative Damage by Modulation of Mitochondrial Function. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9.	1.4	24
312	Chlorogenic acid from honeysuckle improves hepatic lipid dysregulation and modulates hepatic fatty acid composition in rats with chronic endotoxin infusion. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 58, 146-155.	0.6	21
313	Effects of Weaning on Intestinal Upper Villus Epithelial Cells of Piglets. <i>PLoS ONE</i> , 2016, 11, e0150216.	1.1	44
314	Evaluation of alginate-whey protein microcapsules for intestinal delivery of lipophilic compounds in pigs. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2674-2681.	1.7	32
315	Chitosan oligosaccharide affects antioxidant defense capacity and placental amino acids transport of sows. <i>BMC Veterinary Research</i> , 2016, 12, 243.	0.7	66
316	Aflatoxin B1, zearalenone and deoxynivalenol in feed ingredients and complete feed from different Province in China. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 63.	2.1	54
317	Proteome analysis for the global proteins in the jejunum tissues of enterotoxigenic <i>Escherichia coli</i> -infected piglets. <i>Scientific Reports</i> , 2016, 6, 25640.	1.6	26
318	Maternal chitosan oligosaccharide supplementation affecting expression of circadian clock genes, and possible association with hepatic cholesterol accumulation in suckling piglets. <i>Biological Rhythm Research</i> , 2016, 47, 253-265.	0.4	11
319	Chlorogenic acid ameliorates endotoxin-induced liver injury by promoting mitochondrial oxidative phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 1083-1089.	1.0	28
320	Expression of apical Na ⁺ -l-glutamine co-transport activity, B0-system neutral amino acid co-transporter (BOAT1) and angiotensin-converting enzyme 2 along the jejunal crypt-villus axis in young pigs fed a liquid formula. <i>Amino Acids</i> , 2016, 48, 1491-1508.	1.2	9
321	Supplementation of branched-chain amino acids in protein-restricted diets modulates the expression levels of amino acid transporters and energy metabolism associated regulators in the adipose tissue of growing pigs. <i>Animal Nutrition</i> , 2016, 2, 24-32.	2.1	21
322	Leucine in Obesity: Therapeutic Prospects. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 714-727.	4.0	64
323	Ethanolamine enhances the proliferation of intestinal epithelial cells via the mTOR signaling pathway and mitochondrial function. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 562-567.	0.7	20
324	Variant innate immune responses of mammary epithelial cells to challenge by <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> and the regulating effect of taurine on these bioprocesses. <i>Free Radical Biology and Medicine</i> , 2016, 96, 166-180.	1.3	64

#	ARTICLE	IF	CITATIONS
325	Effects of supplementation with branched-chain amino acids to low-protein diets on expression of genes related to lipid metabolism in skeletal muscle of growing pigs. <i>Amino Acids</i> , 2016, 48, 2131-2144.	1.2	49
326	Methionine restriction on lipid metabolism and its possible mechanisms. <i>Amino Acids</i> , 2016, 48, 1533-1540.	1.2	58
327	Is Leucine Restriction/Deprivation an Inducer of Adipose Browning? A Response to Jens Lund. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 807-808.	4.0	1
328	Effects of a two-meal daily feeding pattern with varied crude protein levels on growth performance and antioxidant indexes in pigs. <i>Animal Nutrition</i> , 2016, 2, 267-270.	2.1	5
329	mTORC1 signaling and IL-17 expression: Defining pathways and possible therapeutic targets. <i>European Journal of Immunology</i> , 2016, 46, 291-299.	1.6	91
330	Free Amino Acid Profile and Expression of Genes Implicated in Protein Metabolism in Skeletal Muscle of Growing Pigs Fed Low-Protein Diets Supplemented with Branched-Chain Amino Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9390-9400.	2.4	33
331	The role of Ca ²⁺ mediated signaling pathways on the effect of taurine against <i>Streptococcus uberis</i> infection. <i>Veterinary Microbiology</i> , 2016, 192, 26-33.	0.8	22
332	Dietary supplementation of <i>Lonicera macranthoides</i> leaf powder improves amino acid profiles in serum and longissimus thoracis muscle of growing-finishing pigs. <i>Animal Nutrition</i> , 2016, 2, 271-275.	2.1	12
333	Protein-Restricted Diet Regulates Lipid and Energy Metabolism in Skeletal Muscle of Growing Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9412-9420.	2.4	24
334	Effects of weaning on intestinal crypt epithelial cells in piglets. <i>Scientific Reports</i> , 2016, 6, 36939.	1.6	44
335	Energy metabolism in intestinal epithelial cells during maturation along the crypt-villus axis. <i>Scientific Reports</i> , 2016, 6, 31917.	1.6	62
336	Room temperature electrocompetent bacterial cells improve DNA transformation and recombineering efficiency. <i>Scientific Reports</i> , 2016, 6, 24648.	1.6	66
337	Effects of dietary protein restriction on muscle fiber characteristics and mTORC1 pathway in the skeletal muscle of growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 47.	2.1	29
338	Glutamine promotes intestinal SIgA secretion through intestinal microbiota and IL-13. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1637-1648.	1.5	72
339	Alpha-ketoglutarate enhances milk protein synthesis by porcine mammary epithelial cells. <i>Amino Acids</i> , 2016, 48, 2179-2188.	1.2	19
340	Metabolomic analysis of intestinal epithelial cell maturation along the crypt-villus axis. <i>RSC Advances</i> , 2016, 6, 27566-27574.	1.7	7
341	Low-molecular-weight fractions of Alcalase hydrolyzed egg ovomucin extract exert anti-inflammatory activity in human dermal fibroblasts through the inhibition of tumor necrosis factor- α -mediated nuclear factor- κ B pathway. <i>Nutrition Research</i> , 2016, 36, 648-657.	1.3	46
342	Developmental changes in intercellular junctions and Kv channels in the intestine of piglets during the suckling and post-weaning periods. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 4.	2.1	57

#	ARTICLE	IF	CITATIONS
343	Chitosan Oligosaccharide Reduces Intestinal Inflammation That Involves Calcium-Sensing Receptor (CaSR) Activation in Lipopolysaccharide (LPS)-Challenged Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 245-252.	2.4	81
344	Endogenous Synthesis of Amino Acids Limits Growth, Lactation, and Reproduction in Animals. <i>Advances in Nutrition</i> , 2016, 7, 331-342.	2.9	64
345	Effects of Alpha-Ketoglutarate on Glutamine Metabolism in Piglet Enterocytes in Vivo and in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2668-2673.	2.4	36
346	Developmental changes in hepatic glucose metabolism in a newborn piglet model: A comparative analysis for suckling period and early weaning period. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 824-830.	1.0	10
347	Effects of pro-inflammatory cytokines and antioxidants expression in the jejunum of mice induced by hydrogen peroxide. <i>International Immunopharmacology</i> , 2016, 31, 9-14.	1.7	9
348	The role of leucine and its metabolites in protein and energy metabolism. <i>Amino Acids</i> , 2016, 48, 41-51.	1.2	209
349	Dietary supplementation with L-glutamate and L-aspartate alleviates oxidative stress in weaned piglets challenged with hydrogen peroxide. <i>Amino Acids</i> , 2016, 48, 53-64.	1.2	74
350	Low-protein diets affect ileal amino acid digestibility and gene expression of digestive enzymes in growing and finishing pigs. <i>Amino Acids</i> , 2016, 48, 21-30.	1.2	70
351	Cysteine metabolism and its nutritional implications. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 134-146.	1.5	235
352	Intestinal Microbiota-Derived GABA Mediates Interleukin-17 Expression during Enterotoxigenic <i>Escherichia coli</i> Infection. <i>Frontiers in Immunology</i> , 2016, 7, 685.	2.2	70
353	Myokine interleukin-15 expression profile is different in suckling and weaning piglets. <i>Animal Nutrition</i> , 2015, 1, 30-35.	2.1	24
354	Effects of dietary protein/energy ratio on growth performance, carcass trait, meat quality, and plasma metabolites in pigs of different genotypes. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 36.	2.1	57
355	The application of antimicrobial peptides as growth and health promoters for swine. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 19.	2.1	75
356	L-Arginine improves DNA synthesis in LPS-challenged enterocytes. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 989-1003.	3.0	38
357	Effects of the Sequence of Isocaloric Meals with Different Protein Contents on Plasma Biochemical Indexes in Pigs. <i>PLoS ONE</i> , 2015, 10, e0125640.	1.1	17
358	Characterization and Regulation of the Amino Acid Transporter SNAT2 in the Small Intestine of Piglets. <i>PLoS ONE</i> , 2015, 10, e0128207.	1.1	20
359	Endoplasmic Reticulum Stress in Heat- and Shake-Induced Injury in the Rat Small Intestine. <i>PLoS ONE</i> , 2015, 10, e0143922.	1.1	10
360	Hydrogen peroxide-induced oxidative stress activates NF- κ B and Nrf2/Keap1 signals and triggers autophagy in piglets. <i>RSC Advances</i> , 2015, 5, 15479-15486.	1.7	112

#	ARTICLE	IF	CITATIONS
361	Dietary essentiality of nutritionally non-essential amino acids for animals and humans. <i>Experimental Biology and Medicine</i> , 2015, 240, 997-1007.	1.1	195
362	Dietary L-Arginine Supplementation Protects Weanling Pigs from Deoxynivalenol-Induced Toxicity. <i>Toxins</i> , 2015, 7, 1341-1354.	1.5	49
363	Toxicological evaluation of ferrous N-carbamylglycinate chelate: Acute, Sub-acute toxicity and mutagenicity. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 644-651.	1.3	18
364	Effects of ferrous carbamoyl glycine on iron state and absorption in an iron-deficient rat model. <i>Genes and Nutrition</i> , 2015, 10, 54.	1.2	10
365	Effects of dietary n-6:n-3 PUFA ratio on fatty acid composition, free amino acid profile and gene expression of transporters in finishing pigs. <i>British Journal of Nutrition</i> , 2015, 113, 739-748.	1.2	111
366	Supplementation of the sow diet with chitosan oligosaccharide during late gestation and lactation affects hepatic gluconeogenesis of suckling piglets. <i>Animal Reproduction Science</i> , 2015, 159, 109-117.	0.5	34
367	Acute and sub-acute oral toxicological evaluations and mutagenicity of N-carbamylglutamate (NCG). <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 296-302.	1.3	19
368	Metabolomics study of metabolic variations in enterotoxigenic <i>Escherichia coli</i> -infected piglets. <i>RSC Advances</i> , 2015, 5, 59550-59555.	1.7	28
369	The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells. <i>Free Radical Biology and Medicine</i> , 2015, 85, 219-227.	1.3	108
370	Dietary protein intake affects expression of genes for lipid metabolism in porcine skeletal muscle in a genotype-dependent manner. <i>British Journal of Nutrition</i> , 2015, 113, 1069-1077.	1.2	39
371	Dietary soy isoflavones differentially regulate expression of the lipid-metabolic genes in different white adipose tissues of the female Bama mini-pigs. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 159-164.	1.0	10
372	The profiles of mitochondrial respiration and glycolysis using extracellular flux analysis in porcine enterocyte IPEC-J2. <i>Animal Nutrition</i> , 2015, 1, 239-243.	2.1	35
373	Autophagy protects intestinal epithelial Cells against Deoxynivalenol toxicity by alleviating oxidative stress via IKK signaling pathway. <i>Free Radical Biology and Medicine</i> , 2015, 89, 944-951.	1.3	83
374	Differential expression of proteins involved in energy production along the crypt-villus axis in early-weaning pig small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G229-G237.	1.6	40
375	Porcine circovirus type 2 affects the serum profile of amino acids and intestinal expression of amino acid transporters in mice. <i>RSC Advances</i> , 2015, 5, 73651-73659.	1.7	4
376	Methionine deficiency reduces autophagy and accelerates death in intestinal epithelial cells infected with enterotoxigenic <i>Escherichia coli</i> . <i>Amino Acids</i> , 2015, 47, 2199-2204.	1.2	28
377	Effect of Dietary Selenium Yeast Supplementation on Porcine Circovirus Type 2 (PCV2) Infections in Mice. <i>PLoS ONE</i> , 2015, 10, e0115833.	1.1	25
378	Effects of Dietary Supplementation with Glutamate and Aspartate on Diquat-Induced Oxidative Stress in Piglets. <i>PLoS ONE</i> , 2015, 10, e0122893.	1.1	128

#	ARTICLE	IF	CITATIONS
379	Nutritional and regulatory roles of leucine in muscle growth and fat reduction. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 796-813.	3.0	53
380	Effect of Soyabean Isoflavones Exposure on Onset of Puberty, Serum Hormone Concentration and Gene Expression in Hypothalamus, Pituitary Gland and Ovary of Female Bama Miniature Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 1573-1582.	2.4	5
381	Proteomic Analysis Reveals Cross-Talk of Adipocytes and Myotubes in Co-Culture. <i>FASEB Journal</i> , 2015, 29, 742.5.	0.2	0
382	Effects of Chitosan on Intestinal Inflammation in Weaned Pigs Challenged by Enterotoxigenic <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014, 9, e104192.	1.1	65
383	Chlorogenic Acid Decreases Intestinal Permeability and Increases Expression of Intestinal Tight Junction Proteins in Weaned Rats Challenged with LPS. <i>PLoS ONE</i> , 2014, 9, e97815.	1.1	91
384	Dietary Glutamate Supplementation Ameliorates Mycotoxin-Induced Abnormalities in the Intestinal Structure and Expression of Amino Acid Transporters in Young Pigs. <i>PLoS ONE</i> , 2014, 9, e112357.	1.1	47
385	Putrescine Stimulates the mTOR Signaling Pathway and Protein Synthesis in Porcine Trophectoderm Cells. <i>Biology of Reproduction</i> , 2014, 91, 106.	1.2	66
386	Dietary Arginine Supplementation of Mice Alters the Microbial Population and Activates Intestinal Innate Immunity. <i>Journal of Nutrition</i> , 2014, 144, 988-995.	1.3	179
387	Both Dietary Supplementation with Monosodium L-Glutamate and Fat Modify Circulating and Tissue Amino Acid Pools in Growing Pigs, but with Little Interactive Effect. <i>PLoS ONE</i> , 2014, 9, e84533.	1.1	23
388	Effects of L-proline on the Growth Performance, and Blood Parameters in Weaned Lipopolysaccharide (LPS)-challenged Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 1150-1156.	2.4	26
389	Serum Amino Acids Profile and the Beneficial Effects of L-Arginine or L-Glutamine Supplementation in Dextran Sulfate Sodium Colitis. <i>PLoS ONE</i> , 2014, 9, e88335.	1.1	128
390	Draft Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Strain W25K. <i>Genome Announcements</i> , 2014, 2, .	0.8	23
391	<i>n-6:n-3</i> PUFA ratio is involved in regulating lipid metabolism and inflammation in pigs. <i>British Journal of Nutrition</i> , 2014, 111, 445-451.	1.2	99
392	Dietary l-glutamine supplementation modulates microbial community and activates innate immunity in the mouse intestine. <i>Amino Acids</i> , 2014, 46, 2403-2413.	1.2	98
393	Enterotoxigenic <i>Escherichia coli</i> infection induces intestinal epithelial cell autophagy. <i>Veterinary Microbiology</i> , 2014, 171, 160-164.	0.8	38
394	An NMR-Based Metabolomic Approach to Investigate the Effects of Supplementation with Glutamic Acid in Piglets Challenged with Deoxynivalenol. <i>PLoS ONE</i> , 2014, 9, e113687.	1.1	40
395	Effects of dietary l-lysine intake on the intestinal mucosa and expression of CAT genes in weaned piglets. <i>Amino Acids</i> , 2013, 45, 383-391.	1.2	71
396	Protective effects of N-acetylcysteine on intestinal functions of piglets challenged with lipopolysaccharide. <i>Amino Acids</i> , 2012, 43, 1233-1242.	1.2	134

#	ARTICLE	IF	CITATIONS
397	Molecular cloning, tissue distribution and ontogenetic expression of Xiang pig Chemerin and its involvement in regulating energy metabolism through Akt and ERK1/2 signaling pathways. <i>Molecular Biology Reports</i> , 2012, 39, 1887-1894.	1.0	17
398	Impacts of Birth Weight on Plasma, Liver and Skeletal Muscle Neutral Amino Acid Profiles and Intestinal Amino Acid Transporters in Suckling Huanjiang Mini-Piglets. <i>PLoS ONE</i> , 2012, 7, e50921.	1.1	41
399	Dietary l-arginine supplementation differentially regulates expression of lipid-metabolic genes in porcine adipose tissue and skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 441-445.	1.9	160
400	Effects of L-ketoglutarate on energy status in the intestinal mucosa of weaned piglets chronically challenged with lipopolysaccharide. <i>British Journal of Nutrition</i> , 2011, 106, 357-363.	1.2	79
401	L-Arginine stimulates proliferation and prevents endotoxin-induced death of intestinal cells. <i>Amino Acids</i> , 2010, 38, 1227-1235.	1.2	184
402	Amino acid metabolism in the portal-drained viscera of young pigs: effects of dietary supplementation with chitosan and pea hull. <i>Amino Acids</i> , 2010, 39, 1581-1587.	1.2	56
403	Dietary L-arginine supplementation can increase expression of vascular endothelial growth factor (VEGF) in early-weaned pigs. <i>FASEB Journal</i> , 2010, 24, 102.4.	0.2	0
404	Dietary l-arginine supplementation increases muscle gain and reduces body fat mass in growing-finishing pigs. <i>Amino Acids</i> , 2009, 37, 169-175.	1.2	275
405	Regulation of the type IIb sodium-dependent phosphate cotransporter expression in the intestine. <i>Frontiers of Agriculture in China</i> , 2009, 3, 226-230.	0.2	6
406	Segmental distribution and expression of two heterodimeric amino acid transporter mRNAs in the intestine of pigs during different ages. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1012-1018.	1.7	14
407	Dietary Arginine Supplementation during Early Pregnancy Enhances Embryonic Survival in Rats. <i>Journal of Nutrition</i> , 2008, 138, 1421-1425.	1.3	115
408	Estimating optimal true digestible Ca: P ratio for 20-50kg growing pigs fed a corn-soybean based meals. <i>FASEB Journal</i> , 2008, 22, 1116.6.	0.2	0
409	Dietary supplementation with polysaccharides from Semen cassiae enhances immunoglobulin production and interleukin gene expression in early-weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1868-1873.	1.7	41
410	Porcine jejunal alkaline phosphatase gene expression is quadratically changed during the postnatal growth examined by the quantitative real-time RT-PCR. <i>FASEB Journal</i> , 2007, 21, A1076.	0.2	0
411	Sodium and glucose cotransporter SGLT1 protein expression is regulated by eukaryotic protein synthetic initiation and elongation factors in the formula-fed neonatal pig. <i>FASEB Journal</i> , 2007, 21, A1108.	0.2	0
412	Postnatal jejunal expression patterns of four major housekeeping genes in pigs are measured by the real time RT-PCR. <i>FASEB Journal</i> , 2007, 21, A1076.	0.2	2
413	Visceral distribution of the type II sodium-dependent phosphate cotransporter (NaPi-IIc) isomer mRNA and the expression of NaPi-IIc mRNA along the intestinal longitudinal axis in the post-weaned pig. <i>FASEB Journal</i> , 2006, 20, A1064.	0.2	2
414	The neutral amino acid transporter BO gene is up-regulated in the jejunal villus cells compared to crypt cells measured by quantitative real-time RT-PCR in formula-fed neonatal pigs. <i>FASEB Journal</i> , 2006, 20, A1044.	0.2	0

#	ARTICLE	IF	CITATIONS
415	Expression of the sodium-glucose cotransporter SGLT1 gene along the jejunal crypt-villus axis measured by quantitative real time RT-PCR in the formula-fed neonatal pig. FASEB Journal, 2006, 20, A1053.	0.2	0
416	The Na ⁺ -neutral amino acid transporter ASCT2 gene is down-regulated along the jejunal crypt-villus axis quantified by real-time RT-PCR in formula-fed neonatal pigs. FASEB Journal, 2006, 20, A1044.	0.2	0
417	Diurnal variations in methionine content and expression of certain genes involved in DNA methylation reaction in pigs. Biological Rhythm Research, 0, , 1-9.	0.4	0
418	Ornithine \pm -Ketoglutarate Alleviates Inflammation via Regulating Ileal Mucosa Microbiota and Metabolites in Enterotoxigenic Escherichia coli-Infected Pigs. Frontiers in Nutrition, 0, 9, .	1.6	2