Hao Xiao

List of Publications by Year
in descending order

33 papers	1,230 citations	430754 18 h-index	414303 32 g-index
34 all docs	34 docs citations	34 times ranked	1416 citing authors

#	Article	IF	Citations
1	Dietary stevia residue extract supplementation improves the performance and antioxidative capacity of growingâ€“finishing pigs. Journal of the Science of Food and Agriculture, 2022, 102, 4724-4735.	1.7	12
2	Effects of early subâ€therapeutic antibiotic administration on body tissue deposition, gut microbiota and metabolite profiles of weaned piglets. Journal of the Science of Food and Agriculture, 2022, 102, 5913-5924.	1.7	3
3	Resveratrol promotes mammary cell proliferation and antioxidation capacity during pregnancy and lactation in mice. Journal of Applied Microbiology, 2021, 130, 450-463.	1.4	6
4	Effects of Protein Restriction and Subsequent Realimentation on Body Composition, Gut Microbiota and Metabolite Profiles in Weaned Piglets. Animals, 2021, 11, 686.	1.0	10
5	Effects of phytase and 25â€hydroxyvitamin D3 supplementation on growth performance and bone development in weaned piglets in Caâ€•and Pâ€deficient dietary. Journal of the Science of Food and Agriculture, 2021, , .	1.7	5
6	Mammary tissue proteomics in a pig model indicates that dietary valine supplementation increases milk fat content via increased de novo synthesis of fatty acid. Food Science and Nutrition, 2021, 9, 6213-6223.	1.5	8
7	AMPK-PINK1/Parkin Mediated Mitophagy Is Necessary for Alleviating Oxidative Stress-Induced Intestinal Epithelial Barrier Damage and Mitochondrial Energy Metabolism Dysfunction in IPEC-J2. Antioxidants, 2021, 10, 2010.	2.2	20
8	Dietary leucine supplementation improves intestinal health of mice through intestinal SIgA secretion. Journal of Applied Microbiology, 2020, 128, 574-583.	1.4	27
9	Arginine accelerates intestinal health through cytokines and intestinal microbiota. International Immunopharmacology, 2020, 81, 106029.	1.7	24
10	Effects of dietary valine supplementation during late gestation on the reproductive performance and mammary gland development of gilts. Journal of Animal Science and Biotechnology, 2020, 11, 15.	2.1	9
11	Valine supplementation during late pregnancy in gilts increases colostral protein synthesis through stimulating mTOR signaling pathway in mammary cells. Amino Acids, 2019, 51, 1547-1559.	1.2	13
12	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
13	Valine increases milk fat synthesis in mammary gland of gilts through stimulating AKT/MTOR/SREBP1 pathwayâ€. Biology of Reproduction, 2019, 101, 126-137.	1.2	35
14	Integrated metabolomic and proteomics profiling reveals the promotion of Lactobacillus reuteri LR1 on amino acid metabolism in the gutâ€“liver axis of weaned pigs. Food and Function, 2019, 10, 7387-7396.	2.1	14
15	Analysis on characteristic of DC shortâ€circuit fault in multiâ€terminal AC/DC hybrid distribution network. Journal of Engineering, 2019, 2019, 690-696.	0.6	2
16	Optimal branched-chain amino acid ratio improves cell proliferation and protein metabolism of porcine enterocytesin vivo and in vitro. Nutrition, 2018, 54, 173-181.	1.1	20
17	Alanyl-glutamine but not glycyl-glutamine improved the proliferation of enterocytes as glutamine substitution in vitro. Amino Acids, 2017, 49, 2023-2031.	1.2	18
18	Toxicity assessment of hydrogen peroxide on Toll-like receptor system, apoptosis, and mitochondrial respiration in piglets and IPEC-J2 cells. Oncotarget, 2017, 8, 3124-3131.	0.8	25

#	ARTICLE	IF	CITATIONS
19	The role of nitric oxide pathway in arginine transport and growth of IPEC-1 cells. Oncotarget, 2017, 8, 29976-29983.	0.8	7
20	N-Acetyl-L-cysteine Protects the Enterocyte against Oxidative Damage by Modulation of Mitochondrial Function. Mediators of Inflammation, 2016, 2016, 1-9.	1.4	24
21	A pharmacokinetic and residual study of sulfadiazine/trimethoprim in mandarin fish (<i>Siniperca) Tj ETQq1 1 0.784314 rgBT /Overloc and Therapeutics, 2016, 39, 309-314.	0.6	11
22	Glutamine promotes intestinal SIgA secretion through intestinal microbiota and ILâ€13. Molecular Nutrition and Food Research, 2016, 60, 1637-1648.	1.5	72
23	Chitosan Oligosaccharide Reduces Intestinal Inflammation That Involves Calcium-Sensing Receptor (CaSR) Activation in Lipopolysaccharide (LPS)-Challenged Piglets. Journal of Agricultural and Food Chemistry, 2016, 64, 245-252.	2.4	81
24	Intestinal Microbiota-Derived GABA Mediates Interleukin-17 Expression during Enterotoxigenic Escherichia coli Infection. Frontiers in Immunology, 2016, 7, 685.	2.2	70
25	The application of antimicrobial peptides as growth and health promoters for swine. Journal of Animal Science and Biotechnology, 2015, 6, 19.	2.1	75
26	The profiles of mitochondrial respiration and glycolysis using extracellular flux analysis in porcine enterocyte IPEC-J2. Animal Nutrition, 2015, 1, 239-243.	2.1	35
27	Dietary Glutamate Supplementation Ameliorates Mycotoxin-Induced Abnormalities in the Intestinal Structure and Expression of Amino Acid Transporters in Young Pigs. PLoS ONE, 2014, 9, e112357.	1.1	47
28	Therapeutic Effects of Glutamic Acid in Piglets Challenged with Deoxynivalenol. PLoS ONE, 2014, 9, e100591.	1.1	65
29	Development of an antioxidant system after early weaning in piglets2. Journal of Animal Science, 2014, 92, 612-619.	0.2	243
30	An NMR-Based Metabolomic Approach to Investigate the Effects of Supplementation with Glutamic Acid in Piglets Challenged with Deoxynivalenol. PLoS ONE, 2014, 9, e113687.	1.1	40
31	Effects of composite antimicrobial peptides in weanling piglets challenged with deoxynivalenol: I. Growth performance, immune function, and antioxidation capacity1. Journal of Animal Science, 2013, 91, 4772-4780.	0.2	73
32	Effects of composite antimicrobial peptides in weanling piglets challenged with deoxynivalenol: II. Intestinal morphology and function1. Journal of Animal Science, 2013, 91, 4750-4756.	0.2	74
33	Lactobacillus reuteri 1 Enhances Intestinal Epithelial Barrier Function and Alleviates the Inflammatory Response Induced by Enterotoxigenic Escherichia coli K88 via Suppressing the MLCK Signaling Pathway in IPEC-J2 Cells. Frontiers in Immunology, 0, 13, .	2.2	7