

Hao Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,230
citations

430442

18
h-index

414034

32
g-index

34
all docs

34
docs citations

34
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an antioxidant system after early weaning in piglets ² . <i>Journal of Animal Science</i> , 2014, 92, 612-619.	0.2	243
2	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
3	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
4	Effects of composite antimicrobial peptides in weanling piglets challenged with deoxynivalenol: II. Intestinal morphology and function ¹ . <i>Journal of Animal Science</i> , 2013, 91, 4750-4756.	0.2	74
5	Effects of composite antimicrobial peptides in weanling piglets challenged with deoxynivalenol: I. Growth performance, immune function, and antioxidation capacity ¹ . <i>Journal of Animal Science</i> , 2013, 91, 4772-4780.	0.2	73
6	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
7	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
8	Therapeutic Effects of Glutamic Acid in Piglets Challenged with Deoxynivalenol. <i>PLoS ONE</i> , 2014, 9, e100591.	1.1	65
9	Gut microbiota mediates the protective effects of dietary β -hydroxy α -methylbutyrate (HMB) against obesity induced by high-fat diets. <i>FASEB Journal</i> , 2019, 33, 10019-10033.	0.2	55
10	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
11	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
12	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
13	Valine increases milk fat synthesis in mammary gland of gilts through stimulating AKT/MTOR/SREBP1 pathway. <i>Biology of Reproduction</i> , 2019, 101, 126-137.	1.2	35
14	Dietary leucine supplementation improves intestinal health of mice through intestinal SIgA secretion. <i>Journal of Applied Microbiology</i> , 2020, 128, 574-583.	1.4	27
15	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
16	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
17	Arginine accelerates intestinal health through cytokines and intestinal microbiota. <i>International Immunopharmacology</i> , 2020, 81, 106029.	1.7	24
18	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

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19	AMPK-PINK1/Parkin Mediated Mitophagy Is Necessary for Alleviating Oxidative Stress-Induced Intestinal Epithelial Barrier Damage and Mitochondrial Energy Metabolism Dysfunction in IPEC-J2. <i>Antioxidants</i> , 2021, 10, 2010.	2.2	20
20	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
21	Integrated metabolomic and proteomics profiling reveals the promotion of <i>Lactobacillus reuteri</i> LR1 on amino acid metabolism in the gut-liver axis of weaned pigs. <i>Food and Function</i> , 2019, 10, 7387-7396.	2.1	14
22	Valine supplementation during late pregnancy in gilts increases colostral protein synthesis through stimulating mTOR signaling pathway in mammary cells. <i>Amino Acids</i> , 2019, 51, 1547-1559.	1.2	13
23	Dietary stevia residue extract supplementation improves the performance and antioxidative capacity of growing-finishing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 4724-4735.	1.7	12
24	A pharmacokinetic and residual study of sulfadiazine/trimethoprim in mandarin fish (<i>Siniperca</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Therapeutics</i> , 2016, 39, 309-314.	0.6	11
25	Effects of Protein Restriction and Subsequent Realimentation on Body Composition, Gut Microbiota and Metabolite Profiles in Weaned Piglets. <i>Animals</i> , 2021, 11, 686.	1.0	10
26	Effects of dietary valine supplementation during late gestation on the reproductive performance and mammary gland development of gilts. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 15.	2.1	9
27	Mammary tissue proteomics in a pig model indicates that dietary valine supplementation increases milk fat content via increased de novo synthesis of fatty acid. <i>Food Science and Nutrition</i> , 2021, 9, 6213-6223.	1.5	8
28	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
29	<i>Lactobacillus reuteri</i> 1 Enhances Intestinal Epithelial Barrier Function and Alleviates the Inflammatory Response Induced by Enterotoxigenic <i>Escherichia coli</i> K88 via Suppressing the MLCK Signaling Pathway in IPEC-J2 Cells. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
30	Resveratrol promotes mammary cell proliferation and antioxidation capacity during pregnancy and lactation in mice. <i>Journal of Applied Microbiology</i> , 2021, 130, 450-463.	1.4	6
31	Effects of phytase and 25-hydroxyvitamin D3 supplementation on growth performance and bone development in weaned piglets in Ca- and P-deficient dietary. <i>Journal of the Science of Food and Agriculture</i> , 2021, . .	1.7	5
32	Effects of early sub-therapeutic antibiotic administration on body tissue deposition, gut microbiota and metabolite profiles of weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5913-5924.	1.7	3
33	Analysis on characteristic of DC short-circuit fault in multi-terminal AC/DC hybrid distribution network. <i>Journal of Engineering</i> , 2019, 2019, 690-696.	0.6	2