Hao Zhang

List of Publications by Year
in descending order

45 papers	848 citations	471371 17 h-index	526166 27 g-index
46 all docs	46 docs citations	46 times ranked	809 citing authors

#	Article	IF	Citations
1	Dietary N-carbamylglutamate or L-arginine improves fetal intestinal amino acid profiles during intrauterine growth restriction in undernourished ewes. Animal Nutrition, 2022, 8, 341-349.	2.1	7
2	Dietary supplementation of thiamine enhances colonic integrity and modulates mucosal inflammation injury in goats challenged by lipopolysaccharide and low pH. British Journal of Nutrition, 2022, 128, 2147-2157.	1.2	3
3	Effects of the maternal gut microbiome and gut-placental axis on melatonin efficacy in alleviating cadmium-induced fetal growth restriction. Ecotoxicology and Environmental Safety, 2022, 237, 113550.	2.9	14
4	Melatonin ameliorates ochratoxin A induced liver inflammation, oxidative stress and mitophagy in mice involving in intestinal microbiota and restoring the intestinal barrier function. Journal of Hazardous Materials, 2021, 407, 124489.	6.5	65
5	l-Arginine Alleviates Hydrogen Peroxideâ€“Induced Oxidative Damage in Ovine Intestinal Epithelial Cells by Regulating Apoptosis, Mitochondrial Function, and Autophagy. Journal of Nutrition, 2021, 151, 1038-1046.	1.3	8
6	Metagenomic Insight: Dietary Thiamine Supplementation Promoted the Growth of Carbohydrate-Associated Microorganisms and Enzymes in the Rumen of Saanen Goats Fed High-Concentrate Diets. Microorganisms, 2021, 9, 632.	1.6	6
7	Thiamine ameliorates metabolic disorders induced by a long-term high-concentrate diet and promotes rumen epithelial development in goats. Journal of Dairy Science, 2021, 104, 11522-11536.	1.4	7
8	Effects of formic acid and corn flour supplementation of banana pseudostem silages on nutritional quality of silage, growth, digestion, rumen fermentation and cellulolytic bacterial community of Nubian black goats. Journal of Integrative Agriculture, 2021, 20, 2214-2226.	1.7	2
9	Dietary N-carbamylglutamate or L-arginine supplementation improves hepatic energy status and mitochondrial function and inhibits the AMP-activated protein kinase-peroxisome proliferator-activated receptor Î³ coactivator-1Î±-transcription factor A pathway in intrauterine-growth-retarded suckling lambs. Animal Nutrition, 2021, 7, 859-867.	2.1	4
10	Dietary rumen-protected L-arginine or N-carbamylglutamate attenuated fetal hepatic inflammation in undernourished ewes suffering from intrauterine growth restriction. Animal Nutrition, 2021, 7, 1095-1104.	2.1	4
11	Substitution of ramie (Boehmeria nivea) for alfalfa in improving the carcass and meat quality of Liuyang Black goats. Animal Nutrition, 2021, 7, 688-694.	2.1	10
12	Shifts in diversity and function of bacterial community during manufacture of rushan. Journal of Dairy Science, 2021, 104, 12375-12393.	1.4	4
13	L-Arginine inhibits hydrogen peroxide-induced oxidative damage and inflammatory response by regulating antioxidant capacity in ovine intestinal epithelial cells. Italian Journal of Animal Science, 2021, 20, 1620-1632.	0.8	1
14	Dietary supplementation of thiamine down-regulates the expression of mitophagy and endoplasmic reticulum stress-related genes in the rumen epithelium of goats during high-concentrate diet feeding. Italian Journal of Animal Science, 2021, 20, 2220-2231.	0.8	1
15	Microbial diversity and volatile profile of traditional fermented yak milk. Journal of Dairy Science, 2020, 103, 87-97.	1.4	40
16	Thiamine ameliorates inflammation of the ruminal epithelium of Saanen goats suffering from subacute ruminal acidosis. Journal of Dairy Science, 2020, 103, 1931-1943.	1.4	28
17	ÊŸ-Arginine Inhibits Apoptosis of Ovine Intestinal Epithelial Cells through the ÊŸ-Argineâ€“Nitric Oxide Pathway. Journal of Nutrition, 2020, 150, 2051-2060.	1.3	8
18	Determination of the trace minerals requirements for maintenance and growth of 35â€“50â€‰kg Dorperâ€‰Ã—â€‰Hu crossbred ram lambs. Italian Journal of Animal Science, 2020, 19, 203-212.	0.8	1

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19	Dietary supplementation of l-arginine and N-carbamylglutamate enhances duodenal barrier and mitochondrial functions and suppresses duodenal inflammation and mitophagy in suckling lambs suffering from intrauterine-growth-restriction. Food and Function, 2020, 11, 4456-4470.	2.1	10
20	N-Carbamylglutamate and <scp>l</scp>-arginine supplementation improve hepatic antioxidant status in intrauterine growth-retarded suckling lambs. RSC Advances, 2020, 10, 11173-11181.	1.7	7
21	Dietary Supplementation of L-Arginine and N-Carbamylglutamate Attenuated the Hepatic Inflammatory Response and Apoptosis in Suckling Lambs with Intrauterine Growth Retardation. Mediators of Inflammation, 2020, 2020, 1-10.	1.4	6
22	groEL Gene-Based Phylogenetic Analysis of Lactobacillus Species by High-Throughput Sequencing. Genes, 2019, 10, 530.	1.0	25
23	N-carbamylglutamate and <scp>l</scp>-arginine promote intestinal function in suckling lambs with intrauterine growth restriction by regulating antioxidant capacity via a nitric oxide-dependent pathway. Food and Function, 2019, 10, 6374-6384.	2.1	12
24	L-Arginine protects ovine intestinal epithelial cells from lipopolysaccharide-induced intestinal barrier injury. Food and Agricultural Immunology, 2019, 30, 1067-1084.	0.7	8
25	<scp>l</scp>-Arginine Protects Ovine Intestinal Epithelial Cells from Lipopolysaccharide-Induced Apoptosis through Alleviating Oxidative Stress. Journal of Agricultural and Food Chemistry, 2019, 67, 1683-1690.	2.4	30
26	The potential of ramie as forage for ruminants: Impacts on growth, digestion, ruminal fermentation, carcass characteristics and meat quality of goats. Animal Science Journal, 2019, 90, 481-492.	0.6	14
27	N-Carbamylglutamate and l-Arginine Promote Intestinal Absorption of Amino Acids by Regulating the mTOR Signaling Pathway and Amino Acid and Peptide Transporters in Suckling Lambs with Intrauterine Growth Restriction. Journal of Nutrition, 2019, 149, 923-932.	1.3	13
28	DietaryN-carbamylglutamate and<scp>l</scp>-arginine supplementation improves intestinal energy status in intrauterine-growth-retarded suckling lambs. Food and Function, 2019, 10, 1903-1914.	2.1	21
29	N-Acetylcysteine protects against intrauterine growth retardation-induced intestinal injury via restoring redox status and mitochondrial function in neonatal piglets. European Journal of Nutrition, 2019, 58, 3335-3347.	1.8	22
30	Effects of Dietary <scp>l</scp>-Arginine and N-Carbamylglutamate Supplementation on Intestinal Integrity, Immune Function, and Oxidative Status in Intrauterine-Growth-Retarded Suckling Lambs. Journal of Agricultural and Food Chemistry, 2018, 66, 4145-4154.	2.4	56
31	Energy and protein requirements for maintenance of Hu sheep during pregnancy. Journal of Integrative Agriculture, 2018, 17, 173-183.	1.7	12
32	The net iron, manganese, copper, and zinc requirements for maintenance and growth of Dorperâ€‰Ã—â€‰Hu ewe lambs. Italian Journal of Animal Science, 2018, 17, 941-949.	0.8	8
33	N-acetylcysteine attenuates intrauterine growth retardation-induced hepatic damage in suckling piglets by improving glutathione synthesis and cellular homeostasis. European Journal of Nutrition, 2018, 57, 327-338.	1.8	29
34	Effects of dietary l-methionine supplementation on intestinal integrity and oxidative status in intrauterine growth-retarded weanling piglets. European Journal of Nutrition, 2018, 57, 2735-2745.	1.8	47
35	'Dietary Arginine Supplementation Affects Intestinal Function by Enhancing Antioxidant Capacity of a Nitric Oxideâ€“Independent Pathway in Low-Birth-Weight Piglets. Journal of Nutrition, 2018, 148, 1751-1759.	1.3	22
36	Jugular infusion of arginine has a positive effect on antioxidant mechanisms in lactating dairy cows challenged intravenously with lipopolysaccharide1. Journal of Animal Science, 2018, 96, 3850-3855.	0.2	11

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37	Dietary rumen-protected arginine and N-carbamylglutamate supplementation enhances fetal growth in underfed ewes. Reproduction, Fertility and Development, 2018, 30, 1116.	0.1	22
38	Dietary N-carbamylglutamate and rumen-protected L-arginine supplementation during intrauterine growth restriction in undernourished ewes improve fetal thymus development and immune function. Reproduction, Fertility and Development, 2018, 30, 1522.	0.1	19
39	The Net Mineral Requirement for Maintenance and Growth of Dorper x Hu Ewe Lambs. Pakistan Journal of Zoology, 2018, 50, .	0.1	3
40	Resveratrol attenuates mitochondrial dysfunction in the liver of intrauterine growth retarded suckling piglets by improving mitochondrial biogenesis and redox status. Molecular Nutrition and Food Research, 2017, 61, 1600653.	1.5	57
41	Assessment of Bifidobacterium Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. Genes, 2017, 8, 336.	1.0	38
42	Arginine Relieves the Inflammatory Response and Enhances the Casein Expression in Bovine Mammary Epithelial Cells Induced by Lipopolysaccharide. Mediators of Inflammation, 2016, 2016, 1-10.	1.4	39
43	N-carbamylglutamate and L-arginine improved maternal and placental development in underfed ewes. Reproduction, 2016, 151, 623-635.	1.1	51
44	Determination of energy and protein requirement for maintenance and growth and evaluation for the effects of gender upon nutrient requirement in Dorper Ã— Hu Crossbred Lambs. Tropical Animal Health and Production, 2015, 47, 841-853.	0.5	16
45	Medium-chain TAG attenuate hepatic oxidative damage in intra-uterine growth-retarded weanling piglets by improving the metabolic efficiency of the glutathione redox cycle. British Journal of Nutrition, 2014, 112, 876-885.	1.2	33