

Junhu Yao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

448
citations

759233

12
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Nutritional Metabolism in Transition Dairy Cows: Energy Homeostasis and Health in Response to Post-Ruminal Choline and Methionine. <i>PLoS ONE</i> , 2016, 11, e0160659.	2.5	70
2	Metagenomic Analyses of Microbial and Carbohydrate-Active Enzymes in the Rumen of Dairy Goats Fed Different Rumen Degradable Starch. <i>Frontiers in Microbiology</i> , 2020, 11, 1003.	3.5	47
3	Effect of dietary physically effective fiber on ruminal fermentation and the fatty acid profile of milk in dairy goats. <i>Journal of Dairy Science</i> , 2014, 97, 2281-2290.	3.4	44
4	Phenylalanine regulates initiation of digestive enzyme mRNA translation in pancreatic acinar cells and tissue segments in dairy calves. <i>Bioscience Reports</i> , 2018, 38, .	2.4	34
5	Effects of fumaric acid supplementation on methane production and rumen fermentation in goats fed diets varying in forage and concentrate particle size. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 21.	5.3	32
6	Dynamics of methanogenesis, ruminal fermentation and fiber digestibility in ruminants following elimination of protozoa: a meta-analysis. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 89.	5.3	29
7	Specific enrichment of microbes and increased ruminal propionate production: the potential mechanism underlying the high energy efficiency of Holstein heifers fed steam-flaked corn. <i>AMB Express</i> , 2019, 9, 209.	3.0	27
8	Effect of dietary Astragalus Polysaccharide supplements on testicular miRNA expression profiles and enzymatic changes of breeder cocks. <i>Scientific Reports</i> , 2017, 7, 38864.	3.3	23
9	Paternal chronic folate supplementation induced the transgenerational inheritance of acquired developmental and metabolic changes in chickens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191653.	2.6	19
10	Decreased amyolytic microbes of the hindgut and increased blood glucose implied improved starch utilization in the small intestine by feeding rumen-protected leucine in dairy calves. <i>Journal of Dairy Science</i> , 2020, 103, 4218-4235.	3.4	14
11	High rumen degradable starch decreased goat milk fat via trans-10, cis-12 conjugated linoleic acid-mediated downregulation of lipogenesis genes, particularly, INSIG1. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 30.	5.3	14
12	Choline and methionine regulate lipid metabolism via the AMPK signaling pathway in hepatocytes exposed to high concentrations of nonesterified fatty acids. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3667-3678.	2.6	13
13	A Metagenomic Insight Into the Hindgut Microbiota and Their Metabolites for Dairy Goats Fed Different Rumen Degradable Starch. <i>Frontiers in Microbiology</i> , 2021, 12, 651631.	3.5	13
14	Duodenal infusions of isoleucine influence pancreatic exocrine function in dairy heifers. <i>Archives of Animal Nutrition</i> , 2018, 72, 31-41.	1.8	12
15	High Rumen-Degradable Starch Diet Promotes Hepatic Lipolysis and Disrupts Enterohepatic Circulation of Bile Acids in Dairy Goats. <i>Journal of Nutrition</i> , 2020, 150, 2755-2763.	2.9	12
16	Long-term and combined effects of N-[2-(nitrooxy)ethyl]-3-pyridinecarboxamide and fumaric acid on methane production, rumen fermentation, and lactation performance in dairy goats. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 125.	5.3	12
17	Dietary Calcium Levels Reduce the Efficacy of One Alpha-Hydroxycholecalciferol in Phosphorus-Deficient Diets of Broilers. <i>Journal of Poultry Science</i> , 2012, 49, 34-38.	1.6	10
18	Isoleucine Regulates the Synthesis of Pancreatic Enzymes via the Activation of mRNA Expression and Phosphorylation in the Mammalian Target of Rapamycin Signalling Pathways in Pancreatic Tissues. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	7

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19	Regulation of pancreatic exocrine in ruminants and the related mechanism: The signal transduction and more. <i>Animal Nutrition</i> , 2021, 7, 1145-1151.	5.1	7
20	Leucine Regulates the Exocrine Function in Pancreatic Tissue of Dairy Goats In Vitro. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	4
21	Tracing enterococci persistence along a pork production chain from feed to food in China. <i>Animal Nutrition</i> , 2022, 9, 223-232.	5.1	3