Shuang Cai

List of Publications by Year
in descending order

19	792	623574	794469
papers	citations	14	19
		h-index	g-index

19	19	19	1017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bridging intestinal immunity and gut microbiota by metabolites. Cellular and Molecular Life Sciences, 2019, 76, 3917-3937.	2.4	176
2	Advances in low-protein diets for swine. Journal of Animal Science and Biotechnology, 2018, 9, 60.	2.1	147
3	Protective Ability of Biogenic Antimicrobial Peptide Microcin J25 Against Enterotoxigenic Escherichia Coli-Induced Intestinal Epithelial Dysfunction and Inflammatory Responses IPEC-J2 Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 242.	1.8	66
4	Effect of Antimicrobial Peptide Microcin J25 on Growth Performance, Immune Regulation, and Intestinal Microbiota in Broiler Chickens Challenged with Escherichia coli and Salmonella. Animals, 2020, 10, 345.	1.0	53
5	Lactobacillus reuteri Ameliorates Intestinal Inflammation and Modulates Gut Microbiota and Metabolic Disorders in Dextran Sulfate Sodium-Induced Colitis in Mice. Nutrients, 2020, 12, 2298.	1.7	50
6	Therapeutic administration of the recombinant antimicrobial peptide microcin J25 effectively enhances host defenses against gut inflammation and epithelial barrier injury induced by enterotoxigenic Escherichia coli infection. FASEB Journal, 2020, 34, 1018-1037.	0.2	45
7	Metabolic disorder of amino acids, fatty acids and purines reflects the decreases in oocyte quality and potential in sows. Journal of Proteomics, 2019, 200, 134-143.	1.2	34
8	A Comprehensive Antimicrobial Activity Evaluation of the Recombinant Microcin J25 Against the Foodborne Pathogens Salmonella and E. coli O157:H7 by Using a Matrix of Conditions. Frontiers in Microbiology, 2019, 10, 1954.	1.5	32
9	Risks Related to High-Dosage Recombinant Antimicrobial Peptide Microcin J25 in Mice Model: Intestinal Microbiota, Intestinal Barrier Function, and Immune Regulation. Journal of Agricultural and Food Chemistry, 2018, 66, 11301-11310.	2.4	31
10	Maternal short and medium chain fatty acids supply during early pregnancy improves embryo survival through enhancing progesterone synthesis in rats. Journal of Nutritional Biochemistry, 2019, 69, 98-107.	1.9	25
11	Maternal N-Carbamylglutamate Supply during Early Pregnancy Enhanced Pregnancy Outcomes in Sows through Modulations of Targeted Genes and Metabolism Pathways. Journal of Agricultural and Food Chemistry, 2018, 66, 5845-5852.	2.4	23
12	Mechanisms of lipid metabolism in uterine receptivity and embryo development. Trends in Endocrinology and Metabolism, 2021, 32, 1015-1030.	3.1	22
13	One Carbon Metabolism and Mammalian Pregnancy Outcomes. Molecular Nutrition and Food Research, 2021, 65, e2000734.	1.5	20
14	Nutritional Status Impacts Epigenetic Regulation in Early Embryo Development: A Scoping Review. Advances in Nutrition, 2021, 12, 1877-1892.	2.9	16
15	Butyrate drives the acetylation of histone H3K9 to activate steroidogenesis through PPARÎ³ and PGC1Î± pathways in ovarian granulosa cells. FASEB Journal, 2021, 35, e21316.	0.2	15
16	CBS and MAT2A improve methionineâ€mediated DNA synthesis through SAMTOR/mTORC1/S6K1/CAD pathway during embryo implantation. Cell Proliferation, 2021, 54, e12950.	2.4	13
17	Isoleucine attenuates infection induced byE. colichallenge through the modulation of intestinal endogenous antimicrobial peptide expression and the inhibition of the increase in plasma endotoxin and IL-6 in weaned pigs. Food and Function, 2019, 10, 3535-3542.	2.1	12
18	Effects of dietary crude protein level and N-carbamylglutamate supplementation on nutrient digestibility and digestive enzyme activity of jejunum in growing pigs. Journal of Animal Science, 2020, 98, .	0.2	9

#	Article	IF	Citations
19	Uterine Insulin Sensitivity Defects Induced Embryo Implantation Loss Associated with Mitochondrial Dysfunction-Triggered Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	3