

# Hongnan Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,468  
citations

567144

15  
h-index

360920

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

4291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced single-cell pooled CRISPR screening identifies C19orf53 required for cell proliferation based on mTORC1 regulators. <i>Cell Biology and Toxicology</i> , 2022, 38, 43-68.	2.4	6
2	Modulating Effect of Paeonol on Piglets With Ulcerative Colitis. <i>Frontiers in Nutrition</i> , 2022, 9, 846684.	1.6	1
3	Effects of different concentrations of coated nano zinc oxide material on fecal bacterial composition and intestinal barrier in weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 735-745.	1.7	15
4	The Landscape of Interactions between Hypoxia-Inducible Factors and Reactive Oxygen Species in the Gastrointestinal Tract. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	5
5	Dietary Moutan Cortex Radicis Improves Serum Antioxidant Capacity and Intestinal Immunity and Alters Colonic Microbiota in Weaned Piglets. <i>Frontiers in Nutrition</i> , 2021, 8, 679129.	1.6	10
6	Effects of Coated Cysteamine on Oxidative Stress and Inflammation in Weaned Pigs. <i>Animals</i> , 2021, 11, 2217.	1.0	4
7	L-Tryptophan activates the aryl hydrocarbon receptor and induces cell cycle arrest in porcine trophoblast cells. <i>Theriogenology</i> , 2021, 171, 137-146.	0.9	6
8	A water-soluble $\beta$ -glucan improves growth performance by altering gut microbiome and health in weaned pigs. <i>Animal Nutrition</i> , 2021, 7, 1345-1351.	2.1	9
9	Dietary Insect Powder Protein Sources Improve Protein Utilization by Regulation on Intestinal Amino Acid-Chemosensing System. <i>Animals</i> , 2020, 10, 1590.	1.0	8
10	Imbalanced dietary methionine-to-sulfur amino acid ratio can affect amino acid profiles, antioxidant capacity, and intestinal morphology of piglets. <i>Animal Nutrition</i> , 2020, 6, 447-456.	2.1	10
11	Gut microbiota and blood metabolomics in weaning multiparous sows: Associations with oestrous. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1155-1168.	1.0	16
12	Compensation effects of coated cysteamine on meat quality, amino acid composition, fatty acid composition, mineral content in dorsal muscle and serum biochemical indices in finishing pigs offered reduced trace minerals diet. <i>Science China Life Sciences</i> , 2019, 62, 1550-1553.	2.3	9
13	Influence of supplemented coated-cysteamine on morphology, apoptosis and oxidative stress status of gastrointestinal tract. <i>BMC Veterinary Research</i> , 2019, 15, 328.	0.7	9
14	Reduced dietary nitrogen with a high Lys:CP ratio restricted dietary N excretion without negatively affecting weaned piglets. <i>Animal Nutrition</i> , 2019, 5, 115-123.	2.1	4
15	Dietary lysozyme supplementation contributes to enhanced intestinal functions and gut microflora of piglets. <i>Food and Function</i> , 2019, 10, 1696-1706.	2.1	25
16	Use of coated nano zinc oxide as an additive to improve the zinc excretion and intestinal morphology of growing pigs. <i>Journal of Animal Science</i> , 2019, 97, 1772-1783.	0.2	18
17	Effects of dietary lysozyme levels on growth performance, intestinal morphology, immunity response and microbiota community of growing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1643-1650.	1.7	34
18	Negative effects on newborn piglets caused by excess dietary tryptophan in the morning in sows. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3005-3016.	1.7	7

#	ARTICLE	IF	CITATIONS
19	Effect of Dietary Niacin Supplementation on Growth Performance, Nutrient Digestibility, Hematology, and Lipoprotein Concentrations of Young Turkeys, &Meleagris gallopavo&. Journal of Poultry Science, 2019, 56, 112-119.	0.7	2
20	Effects of coated cysteamine hydrochloride on muscle fiber characteristics and amino acid composition of finishing pigs. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1430-1438.	2.4	11
21	Effects of dietary coated cysteamine hydrochloride on pork color in finishing pigs. Journal of the Science of Food and Agriculture, 2018, 98, 1743-1750.	1.7	13
22	Maternal dietary supplementation with ferrous N-carbamylglycinate chelate affects sow reproductive performance and iron status of neonatal piglets. Animal, 2018, 12, 1372-1379.	1.3	24
23	Involvement of calcium-sensing receptor activation in the alleviation of intestinal inflammation in a piglet model by dietary aromatic amino acid supplementation. British Journal of Nutrition, 2018, 120, 1321-1331.	1.2	27
24	Impact of the Gut Microbiota on Intestinal Immunity Mediated by Tryptophan Metabolism. Frontiers in Cellular and Infection Microbiology, 2018, 8, 13.	1.8	770
25	Dietary coated cysteamine improves antioxidant status of muscle in pig model. FASEB Journal, 2018, 32, 767.2.	0.2	0
26	A review of the immunomodulatory role of dietary tryptophan in livestock and poultry. Amino Acids, 2017, 49, 67-74.	1.2	40
27	Redox Properties of Tryptophan Metabolism and the Concept of Tryptophan Use in Pregnancy. International Journal of Molecular Sciences, 2017, 18, 1595.	1.8	32
28	Short-term supplementation of isocaloric meals with l-tryptophan affects pig growth. Amino Acids, 2017, 49, 2009-2014.	1.2	9
29	Effect of High Dietary Tryptophan on Intestinal Morphology and Tight Junction Protein of Weaned Pig. BioMed Research International, 2016, 2016, 1-6.	0.9	58
30	Quercetin, Inflammation and Immunity. Nutrients, 2016, 8, 167.	1.7	1,119
31	Aflatoxin B1, zearalenone and deoxynivalenol in feed ingredients and complete feed from different Province in China. Journal of Animal Science and Biotechnology, 2016, 7, 63.	2.1	54
32	Use of insect powder as a source of dietary protein in early-weaned piglets1. Journal of Animal Science, 2016, 94, 111-116.	0.2	32
33	Effects of the Sequence of Isocaloric Meals with Different Protein Contents on Plasma Biochemical Indexes in Pigs. PLoS ONE, 2015, 10, e0125640.	1.1	17
34	Effects of different levels of urea supplementation on nutrient intake and growth performance in growing camels fed roughage based complete pellet diets. Animal Nutrition, 2015, 1, 356-361.	2.1	10
35	Nutritional and regulatory roles of leucine in muscle growth and fat reduction. Frontiers in Bioscience - Landmark, 2015, 20, 796-813.	3.0	53