

Yu-Lan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,362
citations

304602

22
h-index

345118

36
g-index

37
all docs

37
docs citations

37
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary arginine supplementation alleviates intestinal mucosal disruption induced by Escherichia coli lipopolysaccharide in weaned pigs. <i>British Journal of Nutrition</i> , 2008, 100, 552-560.	1.2	210
2	Therapeutic Potential of Amino Acids in Inflammatory Bowel Disease. <i>Nutrients</i> , 2017, 9, 920.	1.7	118
3	Dietary supplementation of aspartate enhances intestinal integrity and energy status in weanling piglets after lipopolysaccharide challenge. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 456-462.	1.9	107
4	Lentinan modulates intestinal microbiota and enhances barrier integrity in a piglet model challenged with lipopolysaccharide. <i>Food and Function</i> , 2019, 10, 479-489.	2.1	64
5	Flaxseed Oil Attenuates Intestinal Damage and Inflammation by Regulating Necroptosis and TLR4/NOD Signaling Pathways Following Lipopolysaccharide Challenge in a Piglet Model. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700814.	1.5	61
6	Fish Oil Increases Muscle Protein Mass and Modulates Akt/FOXO, TLR4, and NOD Signaling in Weanling Piglets After Lipopolysaccharide Challenge ^{1&#x2013;3} . <i>Journal of Nutrition</i> , 2013, 143, 1331-1339.	1.3	60
7	Roles of amino acids in preventing and treating intestinal diseases: recent studies with pig models. <i>Amino Acids</i> , 2017, 49, 1277-1291.	1.2	54
8	Effect of three mycotoxin adsorbents on growth performance, nutrient retention and meat quality in broilers fed on mould-contaminated feed. <i>British Poultry Science</i> , 2011, 52, 255-263.	0.8	48
9	Aspartate attenuates intestinal injury and inhibits TLR4 and NODs/NF- κ B and p38 signaling in weaned pigs after LPS challenge. <i>European Journal of Nutrition</i> , 2017, 56, 1433-1443.	1.8	48
10	Dietary l-arginine supplementation alleviates immunosuppression induced by cyclophosphamide in weaned pigs. <i>Amino Acids</i> , 2009, 37, 643-651.	1.2	44
11	Aspartate alleviates liver injury and regulates mRNA expressions of TLR4 and NOD signaling-related genes in weaned pigs after lipopolysaccharide challenge. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 592-599.	1.9	43
12	Necroptosis is active and contributes to intestinal injury in a piglet model with lipopolysaccharide challenge. <i>Cell Death and Disease</i> , 2021, 12, 62.	2.7	43
13	Dietary modulation of endogenous host defense peptide synthesis as an alternative approach to in-feed antibiotics. <i>Animal Nutrition</i> , 2018, 4, 160-169.	2.1	41
14	EPA and DHA attenuate deoxynivalenol-induced intestinal porcine epithelial cell injury and protect barrier function integrity by inhibiting necroptosis signaling pathway. <i>FASEB Journal</i> , 2020, 34, 2483-2496.	0.2	41
15	Glycine enhances muscle protein mass associated with maintaining Akt-mTOR-FOXO1 signaling and suppressing TLR4 and NOD2 signaling in piglets challenged with LPS. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R365-R373.	0.9	34
16	Activation of the NF- κ B and MAPK Signaling Pathways Contributes to the Inflammatory Responses, but Not Cell Injury, in IPEC-1 Cells Challenged with Hydrogen Peroxide. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	34
17	Glycine Relieves Intestinal Injury by Maintaining mTOR Signaling and Suppressing AMPK, TLR4, and NOD Signaling in Weaned Piglets after Lipopolysaccharide Challenge. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1980.	1.8	33
18	Glutamate alleviates intestinal injury, maintains mTOR and suppresses TLR4 and NOD signaling pathways in weanling pigs challenged with lipopolysaccharide. <i>Scientific Reports</i> , 2018, 8, 15124.	1.6	29

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19	Response of Selenium and Selenogenome in Immune Tissues to LPS-Induced Inflammatory Reactions in Pigs. <i>Biological Trace Element Research</i> , 2017, 177, 90-96.	1.9	28
20	Xylooligosaccharide attenuates lipopolysaccharide-induced intestinal injury in piglets via suppressing inflammation and modulating cecal microbial communities. <i>Animal Nutrition</i> , 2021, 7, 609-620.	2.1	28
21	Analysis of MicroRNA Expression Profiles in Weaned Pig Skeletal Muscle after Lipopolysaccharide Challenge. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22438-22455.	1.8	22
22	The effect of aspartate on the energy metabolism in the liver of weanling pigs challenged with lipopolysaccharide. <i>European Journal of Nutrition</i> , 2015, 54, 581-588.	1.8	22
23	Medium-Chain Triglycerides Attenuate Liver Injury in Lipopolysaccharide-Challenged Pigs by Inhibiting Necroptotic and Inflammatory Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3697.	1.8	22
24	Increased expression of the peroxisome proliferator-activated receptor β in the immune system of weaned pigs after <i>Escherichia coli</i> lipopolysaccharide injection. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 82-92.	0.5	20
25	Activation of peroxisome proliferator-activated receptor- β potentiates pro-inflammatory cytokine production, and adrenal and somatotrophic changes of weaned pigs after <i>Escherichia coli</i> lipopolysaccharide challenge. <i>Innate Immunity</i> , 2009, 15, 169-178.	1.1	20
26	EPA and DHA Inhibit Myogenesis and Downregulate the Expression of Muscle-related Genes in C2C12 Myoblasts. <i>Genes</i> , 2019, 10, 64.	1.0	20
27	Glutamate alleviates muscle protein loss by modulating TLR4, NODs, Akt/FOXO and mTOR signaling pathways in LPS-challenged piglets. <i>PLoS ONE</i> , 2017, 12, e0182246.	1.1	13
28	The effect of dietary asparagine supplementation on energy metabolism in liver of weaning pigs when challenged with lipopolysaccharide. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 548-555.	2.4	13
29	Metabolic Regulation of Intestinal Stem Cell Homeostasis. <i>Trends in Cell Biology</i> , 2021, 31, 325-327.	3.6	11
30	Impact of feeding 2-hydroxy-4-(methylthio)butanoic acid and DL-methionine supplemented maize- β -soybean- β -rapeseed meal diets on growth performance and carcass quality of broilers. <i>British Poultry Science</i> , 2007, 48, 190-197.	0.8	8
31	Effects of Biotite V supplementation on growth performance and the immunological responses of weaned pigs after an <i>Escherichia coli</i> lipopolysaccharide challenge. <i>Livestock Science</i> , 2017, 195, 112-117.	0.6	7
32	Glycine alleviated diquat-induced hepatic injury via inhibiting ferroptosis in weaned piglets. <i>Animal Bioscience</i> , 2022, 35, 938-947.	0.8	4
33	Lysine-Specific Demethylase 1 in Energy Metabolism: A Novel Target for Obesity. <i>Journal of Nutrition</i> , 2022, 152, 1611-1620.	1.3	4
34	Glutamate attenuates lipopolysaccharide induced intestinal barrier injury by regulating corticotropin-releasing factor pathway in weaned pigs. <i>Animal Bioscience</i> , 2022, 35, 1235-1249.	0.8	3
35	Developmental changes of free amino acids in amniotic, allantoic fluids and yolk of broiler embryo. <i>British Poultry Science</i> , 2022, 63, 857-863.	0.8	3
36	Holly polyphenols attenuate liver injury, suppression inflammation and oxidative stress in lipopolysaccharide-challenged weaned pigs. <i>Food and Agricultural Immunology</i> , 2022, 33, 35-46.	0.7	2