Huang

List of Publications by Year in descending order

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45 papers	1,041 citations	393982 19 h-index	454577 30 g-index
45 all docs	45 docs citations	45 times ranked	768 citing authors

#	Article	IF	Citations
1	Long-term high-concentrate diet feeding induces apoptosis of rumen epithelial cells and inflammation of rumen epithelium in dairy cows. Animal Biotechnology, 2022, 33, 289-296.	0.7	13
2	Sodium butyrate pretreatment mitigates lipopolysaccharide-induced inflammation through the TLR4/NF-Î²B signaling pathway in bovine embryo trachea cells. Animal Biotechnology, 2022, 33, 1571-1581.	0.7	2
3	A high-concentrate diet provokes inflammation, endoplasmic reticulum stress, and apoptosis in mammary tissue of dairy cows through the upregulation of STIM1/ORAI1. Journal of Dairy Science, 2022, 105, 3416-3429.	1.4	14
4	Insulin signaling and antioxidant proteins in adipose tissue explants from dairy cows challenged with hydrogen peroxide are altered by supplementation of arginine or arginine plus methionine. Journal of Animal Science, 2022, , .	0.2	1
5	Cis-9, Trans-11 CLA Alleviates Lipopolysaccharide-Induced Depression of Fatty Acid Synthesis by Inhibiting Oxidative Stress and Autophagy in Bovine Mammary Epithelial Cells. Antioxidants, 2022, 11, 55.	2.2	14
6	Protective Effects of N-Acetylcysteine on Lipopolysaccharide-Induced Respiratory Inflammation and Oxidative Stress. Antioxidants, 2022, 11, 879.	2.2	6
7	Sodium butyrate attenuated <scp>iEâ€ĐAP</scp> induced inflammatory response in the mammary glands of dairy goats fed highâ€concentrate diet. Journal of the Science of Food and Agriculture, 2021, 101, 1218-1227.	1.7	12
8	Determination of Î³-D-glutamyl-meso-diaminopimelic acid in rumen fluid of dairy cows by pre-column chiral derivatization-HPLC. Animal Biotechnology, 2021, , 1-17.	0.7	1
9	Glutamine pretreatment protects bovine mammary epithelial cells from inflammation and oxidative stress induced by Î³-d-glutamyl-meso-diaminopimelic acid (iE-DAP). Journal of Dairy Science, 2021, 104, 2123-2139.	1.4	15
10	Glutamine Supplementation Attenuates the Inflammation Caused by LPS-Induced Acute Lung Injury in Mice by Regulating the TLR4/MAPK Signaling Pathway. Inflammation, 2021, 44, 2180-2192.	1.7	15
11	Î³â€<scp>d</scp>â€Glutamylâ€mesoâ€diaminopimelic acid induces autophagy in bovine hepatocytes during nucleotideâ€binding oligomerization domain 1â€mediated inflammation. Journal of Cellular Physiology, 2021, 236, 5212-5234.	2.0	5
12	Sodium butyrate promotes lipopolysaccharide-induced innate immune responses by enhancing mitogen-activated protein kinase activation and histone acetylation in bovine mammary epithelial cells. Journal of Dairy Science, 2020, 103, 11636-11652.	1.4	15
13	High-Concentrate Feeding to Dairy Cows Induces Apoptosis via the NOD1/Caspase-8 Pathway in Mammary Epithelial Cells. Genes, 2020, 11, 107.	1.0	6
14	Sodium valproate attenuates the iE-DAP induced inflammatory response by inhibiting the NOD1-NF-Î²B pathway and histone modifications in bovine mammary epithelial cells. International Immunopharmacology, 2020, 83, 106392.	1.7	15
15	Efficacy of sodium butyrate in alleviating mammary oxidative stress induced by sub-acute ruminal acidosis in lactating goats. Microbial Pathogenesis, 2019, 137, 103781.	1.3	4
16	Microbial community shifts elicit inflammation in the caecal mucosa via the GPR41/43 signalling pathway during subacute ruminal acidosis. BMC Veterinary Research, 2019, 15, 298.	0.7	8
17	Sodium Butyrate Modulates Mucosal Inflammation Injury Mediated by GPR41/43 in the Cecum of Goats Fed a High Concentration Diet. Frontiers in Physiology, 2019, 10, 1130.	1.3	15
18	Sodium Butyrate Inhibits the Inflammation of Lipopolysaccharide-Induced Acute Lung Injury in Mice by Regulating the Toll-Like Receptor 4/Nuclear Factor Î²B Signaling Pathway. Journal of Agricultural and Food Chemistry, 2019, 67, 1674-1682.	2.4	60

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19	Overfeeding with a high-concentrate diet activates the NOD1-NF-Î²B signalling pathway in the mammary gland of mid-lactating dairy cows. Microbial Pathogenesis, 2019, 128, 390-395.	1.3	15
20	Sodium butyrate suppresses NOD1â€mediated inflammatory molecules expressed in bovine hepatocytes during iEâ€DAP and LPS treatment. Journal of Cellular Physiology, 2019, 234, 19602-19620.	2.0	18
21	cis-9,trans-11-Conjugated Linoleic Acid Exerts an Anti-inflammatory Effect in Bovine Mammary Epithelial Cells after Escherichia coli Stimulation through NF-Î²B Signaling Pathway. Journal of Agricultural and Food Chemistry, 2019, 67, 193-200.	2.4	22
22	Lipopolysaccharide induces oxidative stress by triggering MAPK and Nrf2 signalling pathways in mammary glands of dairy cows fed a high-concentrate diet. Microbial Pathogenesis, 2019, 128, 268-275.	1.3	31
23	Dietary Sodium Butyrate Supplementation Reduces High-Concentrate Diet Feeding-Induced Apoptosis in Mammary Cells in Dairy Goats. Journal of Agricultural and Food Chemistry, 2018, 66, 2101-2107.	2.4	19
24	Sodium butyrate improves antioxidant stability in sub-acute ruminal acidosis in dairy goats. BMC Veterinary Research, 2018, 14, 275.	0.7	33
25	Dietary Addition of Sodium Butyrate Contributes to Attenuated Feeding-Induced Hepatocyte Apoptosis in Dairy Goats. Journal of Agricultural and Food Chemistry, 2018, 66, 9995-10002.	2.4	25
26	Histamine activates inflammatory response and depresses casein synthesis in mammary gland of dairy cows during SARA. BMC Veterinary Research, 2018, 14, 168.	0.7	19
27	NOD1/NF-Î²B signaling pathway inhibited by sodium butyrate in the mammary gland of lactating goats during sub-acute ruminal acidosis. Microbial Pathogenesis, 2018, 122, 58-62.	1.3	8
28	Sodium Butyrate Mitigates iE-DAP Induced Inflammation Caused by High-Concentrate Feeding in Liver of Dairy Goats. Journal of Agricultural and Food Chemistry, 2018, 66, 8999-9009.	2.4	21
29	Sodium Butyrate Supplementation Alleviates the Adaptive Response to Inflammation and Modulates Fatty Acid Metabolism in Lipopolysaccharide-Stimulated Bovine Hepatocytes. Journal of Agricultural and Food Chemistry, 2018, 66, 6281-6290.	2.4	26
30	Sodium Butyrate Ameliorates High-Concentrate Diet-Induced Inflammation in the Rumen Epithelium of Dairy Goats. Journal of Agricultural and Food Chemistry, 2017, 65, 596-604.	2.4	43
31	Rumen-derived lipopolysaccharide provoked inflammatory injury in the liver of dairy cows fed a high-concentrate diet. Oncotarget, 2017, 8, 46769-46780.	0.8	66
32	Lipopolysaccharide derived from the digestive tract activates inflammatory gene expression and inhibits casein synthesis in the mammary glands of lactating dairy cows. Oncotarget, 2016, 7, 9652-9665.	0.8	42
33	Lipopolysaccharide derived from the digestive tract triggers an inflammatory response in the uterus of mid-lactating dairy cows during SARA. BMC Veterinary Research, 2016, 12, 284.	0.7	37
34	Stearoyl-CoA desaturase 1 expression is downregulated in liver and udder during E. coli mastitis through enhanced expression of repressive C/EBP factors and reduced expression of the inducer SREBP1A. BMC Molecular Biology, 2016, 17, 16.	3.0	16
35	Rumen-derived lipopolysaccharide enhances the expression of lingual antimicrobial peptide in mammary glands of dairy cows fed a high-concentrate diet. BMC Veterinary Research, 2016, 12, 128.	0.7	28
36	Epigenetic Mechanisms Contribute to the Expression of Immune Related Genes in the Livers of Dairy Cows Fed a High Concentrate Diet. PLoS ONE, 2015, 10, e0123942.	1.1	20

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37	Lipopolysaccharide derived from the rumen down-regulates stearoyl-CoA desaturase 1 expression and alters fatty acid composition in the liver of dairy cows fed a high-concentrate diet. BMC Veterinary Research, 2015, 11, 52.	0.7	40
38	Epigenetic mechanisms contribute to enhanced expression of immune response genes in the liver of cows after experimentally induced Escherichia coli mastitis. Veterinary Journal, 2015, 203, 339-341.	0.6	59
39	Feeding a high-grain diet reduces the percentage of LPS clearance and enhances immune gene expression in goat liver. BMC Veterinary Research, 2015, 11, 67.	0.7	54
40	Three promoters with different tissue specificity and pathogen inducibility express the toll-like-receptor 2 (TLR2)-encoding gene in cattle. Veterinary Immunology and Immunopathology, 2015, 167, 57-63.	0.5	2
41	Feeding a High Concentrate Diet Down-Regulates Expression of ACACA, LPL and SCD and Modifies Milk Composition in Lactating Goats. PLoS ONE, 2015, 10, e0130525.	1.1	14
42	Hepatic TLR4 signaling is activated by LPS from digestive tract during SARA, and epigenetic mechanisms contribute to enforced TLR4 expression. Oncotarget, 2015, 6, 38578-38590.	0.8	41
43	High Concentrate Diet Induced Mucosal Injuries by Enhancing Epithelial Apoptosis and Inflammatory Response in the Hindgut of Goats. PLoS ONE, 2014, 9, e111596.	1.1	37
44	Long-Term Effects of Subacute Ruminal Acidosis (SARA) on Milk Quality and Hepatic Gene Expression in Lactating Goats Fed a High-Concentrate Diet. PLoS ONE, 2013, 8, e82850.	1.1	67
45	Superantigen activation and kinetics of cytokines in the Longâ€“Evans rat. Immunology, 1998, 95, 331-338.	2.0	17