

# Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2444694/publications.pdf>

Version: 2024-02-01

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 Effects of Subacute Ruminal Acidosis (SARA) on Milk Quality and Hepatic Gene Expression in Lactating Goats Fed a High-Concentrate Diet. <i>PLoS ONE</i> , 2013, 8, e82850.	1.1	67
2	Rumen-derived lipopolysaccharide provoked inflammatory injury in the liver of dairy cows fed a high-concentrate diet. <i>Oncotarget</i> , 2017, 8, 46769-46780.	0.8	66
3	Sodium Butyrate Inhibits the Inflammation of Lipopolysaccharide-Induced Acute Lung Injury in Mice by Regulating the Toll-Like Receptor 4/Nuclear Factor $\kappa$ B Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1674-1682.	2.4	60
4	Epigenetic mechanisms contribute to enhanced expression of immune response genes in the liver of cows after experimentally induced <i>Escherichia coli</i> mastitis. <i>Veterinary Journal</i> , 2015, 203, 339-341.	0.6	59
5	Feeding a high-grain diet reduces the percentage of LPS clearance and enhances immune gene expression in goat liver. <i>BMC Veterinary Research</i> , 2015, 11, 67.	0.7	54
6	Sodium Butyrate Ameliorates High-Concentrate Diet-Induced Inflammation in the Rumen Epithelium of Dairy Goats. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 596-604.	2.4	43
7	Lipopolysaccharide derived from the digestive tract activates inflammatory gene expression and inhibits casein synthesis in the mammary glands of lactating dairy cows. <i>Oncotarget</i> , 2016, 7, 9652-9665.	0.8	42
8	Hepatic TLR4 signaling is activated by LPS from digestive tract during SARA, and epigenetic mechanisms contribute to enforced TLR4 expression. <i>Oncotarget</i> , 2015, 6, 38578-38590.	0.8	41
9	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. <i>BMC Veterinary Research</i> , 2015, 11, 52.	0.7	40
10	Lipopolysaccharide derived from the digestive tract triggers an inflammatory response in the uterus of mid-lactating dairy cows during SARA. <i>BMC Veterinary Research</i> , 2016, 12, 284.	0.7	37
11	High Concentrate Diet Induced Mucosal Injuries by Enhancing Epithelial Apoptosis and Inflammatory Response in the Hindgut of Goats. <i>PLoS ONE</i> , 2014, 9, e111596.	1.1	37
12	Sodium butyrate improves antioxidant stability in sub-acute ruminal acidosis in dairy goats. <i>BMC Veterinary Research</i> , 2018, 14, 275.	0.7	33
13	Lipopolysaccharide induces oxidative stress by triggering MAPK and Nrf2 signalling pathways in mammary glands of dairy cows fed a high-concentrate diet. <i>Microbial Pathogenesis</i> , 2019, 128, 268-275.	1.3	31
14	Rumen-derived lipopolysaccharide enhances the expression of lingual antimicrobial peptide in mammary glands of dairy cows fed a high-concentrate diet. <i>BMC Veterinary Research</i> , 2016, 12, 128.	0.7	28
15	Sodium Butyrate Supplementation Alleviates the Adaptive Response to Inflammation and Modulates Fatty Acid Metabolism in Lipopolysaccharide-Stimulated Bovine Hepatocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6281-6290.	2.4	26
16	Dietary Addition of Sodium Butyrate Contributes to Attenuated Feeding-Induced Hepatocyte Apoptosis in Dairy Goats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9995-10002.	2.4	25
17	<i>cis</i> -9, <i>trans</i> -11-Conjugated Linoleic Acid Exerts an Anti-inflammatory Effect in Bovine Mammary Epithelial Cells after <i>Escherichia coli</i> Stimulation through NF- $\kappa$ B Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 193-200.	2.4	22
18	Sodium Butyrate Mitigates I $\kappa$ -DAP Induced Inflammation Caused by High-Concentrate Feeding in Liver of Dairy Goats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8999-9009.	2.4	21

#	ARTICLE	IF	CITATIONS
19	Epigenetic Mechanisms Contribute to the Expression of Immune Related Genes in the Livers of Dairy Cows Fed a High Concentrate Diet. <i>PLoS ONE</i> , 2015, 10, e0123942.	1.1	20
20	Dietary Sodium Butyrate Supplementation Reduces High-Concentrate Diet Feeding-Induced Apoptosis in Mammary Cells in Dairy Goats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2101-2107.	2.4	19
21	Histamine activates inflammatory response and depresses casein synthesis in mammary gland of dairy cows during SARA. <i>BMC Veterinary Research</i> , 2018, 14, 168.	0.7	19
22	Sodium butyrate suppresses NOD1-mediated inflammatory molecules expressed in bovine hepatocytes during iE-DAP and LPS treatment. <i>Journal of Cellular Physiology</i> , 2019, 234, 19602-19620.	2.0	18
23	Superantigen activation and kinetics of cytokines in the Long-Evans rat. <i>Immunology</i> , 1998, 95, 331-338.	2.0	17
24	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. <i>BMC Molecular Biology</i> , 2016, 17, 16.	3.0	16
25	Sodium Butyrate Modulates Mucosal Inflammation Injury Mediated by GPR41/43 in the Cecum of Goats Fed a High Concentration Diet. <i>Frontiers in Physiology</i> , 2019, 10, 1130.	1.3	15
26	Overfeeding with a high-concentrate diet activates the NOD1-NF- $\kappa$ B signalling pathway in the mammary gland of mid-lactating dairy cows. <i>Microbial Pathogenesis</i> , 2019, 128, 390-395.	1.3	15
27	Sodium butyrate promotes lipopolysaccharide-induced innate immune responses by enhancing mitogen-activated protein kinase activation and histone acetylation in bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2020, 103, 11636-11652.	1.4	15
28	Sodium valproate attenuates the iE-DAP induced inflammatory response by inhibiting the NOD1-NF- $\kappa$ B pathway and histone modifications in bovine mammary epithelial cells. <i>International Immunopharmacology</i> , 2020, 83, 106392.	1.7	15
29	Glutamine pretreatment protects bovine mammary epithelial cells from inflammation and oxidative stress induced by $\text{I}^3$ -d-glutamyl-meso-diaminopimelic acid (iE-DAP). <i>Journal of Dairy Science</i> , 2021, 104, 2123-2139.	1.4	15
30	Glutamine Supplementation Attenuates the Inflammation Caused by LPS-Induced Acute Lung Injury in Mice by Regulating the TLR4/MAPK Signaling Pathway. <i>Inflammation</i> , 2021, 44, 2180-2192.	1.7	15
31	Feeding a High Concentrate Diet Down-Regulates Expression of ACACA, LPL and SCD and Modifies Milk Composition in Lactating Goats. <i>PLoS ONE</i> , 2015, 10, e0130525.	1.1	14
32	A high-concentrate diet provokes inflammation, endoplasmic reticulum stress, and apoptosis in mammary tissue of dairy cows through the upregulation of STIM1/ORAI1. <i>Journal of Dairy Science</i> , 2022, 105, 3416-3429.	1.4	14
33	Cis-9, Trans-11 CLA Alleviates Lipopolysaccharide-Induced Depression of Fatty Acid Synthesis by Inhibiting Oxidative Stress and Autophagy in Bovine Mammary Epithelial Cells. <i>Antioxidants</i> , 2022, 11, 55.	2.2	14
34	Long-term high-concentrate diet feeding induces apoptosis of rumen epithelial cells and inflammation of rumen epithelium in dairy cows. <i>Animal Biotechnology</i> , 2022, 33, 289-296.	0.7	13
35	Sodium butyrate attenuated iE-DAP induced inflammatory response in the mammary glands of dairy goats fed high-concentrate diet. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1218-1227.	1.7	12
36	NOD1/NF- $\kappa$ B signaling pathway inhibited by sodium butyrate in the mammary gland of lactating goats during sub-acute ruminal acidosis. <i>Microbial Pathogenesis</i> , 2018, 122, 58-62.	1.3	8

#	ARTICLE	IF	CITATIONS
37	Microbial community shifts elicit inflammation in the caecal mucosa via the GPR41/43 signalling pathway during subacute ruminal acidosis. <i>BMC Veterinary Research</i> , 2019, 15, 298.	0.7	8
38	High-Concentrate Feeding to Dairy Cows Induces Apoptosis via the NOD1/Caspase-8 Pathway in Mammary Epithelial Cells. <i>Genes</i> , 2020, 11, 107.	1.0	6
39	Protective Effects of N-Acetylcysteine on Lipopolysaccharide-Induced Respiratory Inflammation and Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 879.	2.2	6
40	$\gamma$ -Glutamyl-meso-diaminopimelic acid induces autophagy in bovine hepatocytes during nucleotide-binding oligomerization domain 1-mediated inflammation. <i>Journal of Cellular Physiology</i> , 2021, 236, 5212-5234.	2.0	5
41	Efficacy of sodium butyrate in alleviating mammary oxidative stress induced by sub-acute ruminal acidosis in lactating goats. <i>Microbial Pathogenesis</i> , 2019, 137, 103781.	1.3	4
42	Three promoters with different tissue specificity and pathogen inducibility express the toll-like-receptor 2 (TLR2)-encoding gene in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2015, 167, 57-63.	0.5	2
43	Sodium butyrate pretreatment mitigates lipopolysaccharide-induced inflammation through the TLR4/NF- $\kappa$ B signaling pathway in bovine embryo trachea cells. <i>Animal Biotechnology</i> , 2022, 33, 1571-1581.	0.7	2
44	Determination of $\gamma$ -D-glutamyl-meso-diaminopimelic acid in rumen fluid of dairy cows by pre-column chiral derivatization-HPLC. <i>Animal Biotechnology</i> , 2021, , 1-17.	0.7	1
45	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. <i>Journal of Animal Science</i> , 2022, , .	0.2	1