

Naisheng Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575334/publications.pdf>

Version: 2024-02-01

82
papers

2,948
citations

136740

32
h-index

197535

49
g-index

84
all docs

84
docs citations

84
times ranked

3348
citing authors

#	ARTICLE	IF	CITATIONS
1	Thymol Inhibits LPS-Stimulated Inflammatory Response via Down-Regulation of NF- κ B and MAPK Signaling Pathways in Mouse Mammary Epithelial Cells. <i>Inflammation</i> , 2014, 37, 214-222.	1.7	152
2	Protective Effect of Naringin on DSS-Induced Ulcerative Colitis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13133-13140.	2.4	122
3	The protective role of phloretin against dextran sulfate sodium-induced ulcerative colitis in mice. <i>Food and Function</i> , 2019, 10, 422-431.	2.1	109
4	Curcumin attenuates inflammatory responses by suppressing TLR4-mediated NF- κ B signaling pathway in lipopolysaccharide-induced mastitis in mice. <i>International Immunopharmacology</i> , 2014, 20, 54-58.	1.7	100
5	Endoplasmic reticulum stress-mediated autophagy activation is involved in cadmium-induced ferroptosis of renal tubular epithelial cells. <i>Free Radical Biology and Medicine</i> , 2021, 175, 236-248.	1.3	100
6	The gut microbiota contributes to the development of <i>Staphylococcus aureus</i> -induced mastitis in mice. <i>ISME Journal</i> , 2020, 14, 1897-1910.	4.4	99
7	Saikosaponin a inhibits lipopolysaccharide-oxidative stress and inflammation in Human umbilical vein endothelial cells via preventing TLR4 translocation into lipid rafts. <i>Free Radical Biology and Medicine</i> , 2015, 89, 777-785.	1.3	85
8	Geniposide Plays an Anti-inflammatory Role via Regulating TLR4 and Downstream Signaling Pathways in Lipopolysaccharide-Induced Mastitis in Mice. <i>Inflammation</i> , 2014, 37, 1588-1598.	1.7	80
9	Ripened Pu-erh Tea Extract Protects Mice from Obesity by Modulating Gut Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6978-6994.	2.4	76
10	Evodiamine prevents dextran sulfate sodium-induced murine experimental colitis via the regulation of NF- κ B and NLRP3 inflammasome. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 786-795.	2.5	76
11	Selenium Inhibits LPS-Induced Pro-inflammatory Gene Expression by Modulating MAPK and NF- κ B Signaling Pathways in Mouse Mammary Epithelial Cells in Primary Culture. <i>Inflammation</i> , 2014, 37, 478-485.	1.7	66
12	Magnolol treatment attenuates dextran sulphate sodium-induced murine experimental colitis by regulating inflammation and mucosal damage. <i>Life Sciences</i> , 2018, 196, 69-76.	2.0	61
13	Stevioside Plays an Anti-inflammatory Role by Regulating the NF- κ B and MAPK Pathways in <i>S. aureus</i> -infected Mouse Mammary Glands. <i>Inflammation</i> , 2014, 37, 1837-1846.	1.7	58
14	Aryl hydrocarbon receptor activation by <i>Lactobacillus reuteri</i> tryptophan metabolism alleviates <i>Escherichia coli</i> -induced mastitis in mice. <i>PLoS Pathogens</i> , 2021, 17, e1009774.	2.1	55
15	Leonurine Exerts Anti-Inflammatory Effect by Regulating Inflammatory Signaling Pathways and Cytokines in LPS-Induced Mouse Mastitis. <i>Inflammation</i> , 2015, 38, 79-88.	1.7	54
16	Schisantherin A protects lipopolysaccharide-induced acute respiratory distress syndrome in mice through inhibiting NF- κ B and MAPKs signaling pathways. <i>International Immunopharmacology</i> , 2014, 22, 133-140.	1.7	52
17	Melatonin inhibits endoplasmic reticulum stress-associated TXNIP/NLRP3 inflammasome activation in lipopolysaccharide-induced endometritis in mice. <i>International Immunopharmacology</i> , 2018, 64, 101-109.	1.7	52
18	Astragalgin suppresses inflammatory responses via down-regulation of NF- κ B signaling pathway in lipopolysaccharide-induced mastitis in a murine model. <i>International Immunopharmacology</i> , 2013, 17, 478-482.	1.7	51

#	ARTICLE	IF	CITATIONS
19	Zanthoxylum bungeanum pericarp extract prevents dextran sulfate sodium-induced experimental colitis in mice via the regulation of TLR4 and TLR4-related signaling pathways. <i>International Immunopharmacology</i> , 2016, 41, 127-135.	1.7	50
20	Cyanidin-3-O- β -glucoside inhibits lipopolysaccharide-induced inflammatory response in mouse mastitis model. <i>Journal of Lipid Research</i> , 2014, 55, 1111-1119.	2.0	46
21	In Vivo Study of the Efficacy of the Essential Oil of <i>Zanthoxylum bungeanum</i> Pericarp in Dextran Sulfate Sodium-Induced Murine Experimental Colitis. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3311-3319.	2.4	45
22	Cyanidin-3-O- β -glucoside ameliorates lipopolysaccharide-induced acute lung injury by reducing TLR4 recruitment into lipid rafts. <i>Biochemical Pharmacology</i> , 2014, 90, 126-134.	2.0	44
23	Targeting gut microbiota as a possible therapy for mastitis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1409-1423.	1.3	44
24	Administration of geniposide ameliorates dextran sulfate sodium-induced colitis in mice via inhibition of inflammation and mucosal damage. <i>International Immunopharmacology</i> , 2017, 49, 168-177.	1.7	42
25	Baicalin inhibits <i>Staphylococcus aureus</i> -induced apoptosis by regulating TLR2 and TLR2-related apoptotic factors in the mouse mammary glands. <i>European Journal of Pharmacology</i> , 2014, 723, 481-488.	1.7	41
26	Protective effect of taraxasterol on acute lung injury induced by lipopolysaccharide in mice. <i>International Immunopharmacology</i> , 2014, 19, 342-350.	1.7	41
27	Glycyrrhizin inhibits lipopolysaccharide-induced inflammatory response by reducing TLR4 recruitment into lipid rafts in RAW264.7 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1755-1764.	1.1	40
28	Selenium Deficiency Facilitates Inflammation Through the Regulation of TLR4 and TLR4-Related Signaling Pathways in the Mice Uterus. <i>Inflammation</i> , 2015, 38, 1347-1356.	1.7	40
29	Dimethyl itaconate protects against lipopolysaccharide-induced mastitis in mice by activating MAPKs and Nrf2 and inhibiting NF- κ B signaling pathways. <i>Microbial Pathogenesis</i> , 2019, 133, 103541.	1.3	40
30	Inhibitory Effects of Emodin, Thymol, and Astragaloside on <i>Leptospira interrogans</i> -Induced Inflammatory Response in the Uterine and Endometrium Epithelial Cells of Mice. <i>Inflammation</i> , 2017, 40, 666-675.	1.7	39
31	The Rumen Microbiota Contributes to the Development of Mastitis in Dairy Cows. <i>Microbiology Spectrum</i> , 2022, 10, e0251221.	1.2	39
32	The Protective Effect of Baicalin Against Lead-Induced Renal Oxidative Damage in Mice. <i>Biological Trace Element Research</i> , 2017, 175, 129-135.	1.9	36
33	Mangiferin inhibits mastitis induced by LPS via suppressing NF- κ B and NLRP3 signaling pathways. <i>International Immunopharmacology</i> , 2017, 43, 85-90.	1.7	35
34	Selenium Deficiency-Induced Inflammation and Increased Expression of Regulating Inflammatory Cytokines in the Chicken Gastrointestinal Tract. <i>Biological Trace Element Research</i> , 2016, 173, 210-218.	1.9	33
35	Selenium Deficiency Facilitates Inflammation Following <i>S. aureus</i> Infection by Regulating TLR2-Related Pathways in the Mouse Mammary Gland. <i>Biological Trace Element Research</i> , 2016, 172, 449-457.	1.9	33
36	In Vivo and In Vitro Study on the Efficacy of Terpinen-4-ol in Dextran Sulfate Sodium-Induced Mice Experimental Colitis. <i>Frontiers in Immunology</i> , 2017, 8, 558.	2.2	32

#	ARTICLE	IF	CITATIONS
37	Geniposide Inhibited Lipopolysaccharide-induced Apoptosis by Modulating TLR4 and Apoptosis-related Factors in Mouse Mammary Glands. <i>Life Sciences</i> , 2014, 119, 9-17.	2.0	31
38	Sodium houttuuyfonate inhibits LPS-induced inflammatory response via suppressing TLR4/NF- κ B signaling pathway in bovine mammary epithelial cells. <i>Microbial Pathogenesis</i> , 2017, 107, 12-16.	1.3	30
39	Protective Effects of Platycodin D on Lipopolysaccharide-Induced Acute Lung Injury by Activating LXRI \pm ABCA1 Signaling Pathway. <i>Frontiers in Immunology</i> , 2016, 7, 644.	2.2	30
40	Stevioside inhibits inflammation and apoptosis by regulating TLR2 and TLR2-related proteins in <i>S. aureus</i> -infected mouse mammary epithelial cells. <i>International Immunopharmacology</i> , 2014, 22, 192-199.	1.7	29
41	Protective Effects of Kaempferol on Lipopolysaccharide-Induced Mastitis in Mice. <i>Inflammation</i> , 2014, 37, 1453-1458.	1.7	29
42	Protective effect of TM6 on LPS-induced acute lung injury in mice. <i>Scientific Reports</i> , 2017, 7, 572.	1.6	29
43	Ferritinophagy is involved in Bisphenol A-induced ferroptosis of renal tubular epithelial cells through the activation of the AMPK-mTOR-ULK1 pathway. <i>Food and Chemical Toxicology</i> , 2022, 163, 112909.	1.8	28
44	Toll-Like Receptor 2 Agonist Pam3CSK4 Alleviates the Pathology of Leptospirosis in Hamster. <i>Infection and Immunity</i> , 2016, 84, 3350-3357.	1.0	26
45	<i>Clostridium tyrobutyricum</i> alleviates <i>Staphylococcus aureus</i> -induced endometritis in mice by inhibiting endometrial barrier disruption and inflammatory response. <i>Food and Function</i> , 2019, 10, 6699-6710.	2.1	26
46	<i>Eurotium cristatum</i> , a Probiotic Fungus from Fuzhuan Brick Tea, and Its Polysaccharides Ameliorated DSS-Induced Ulcerative Colitis in Mice by Modulating the Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2957-2967.	2.4	26
47	Baicalin promotes the bacteriostatic activity of lysozyme on <i>S. aureus</i> in mammary glands and neutrophilic granulocytes in mice. <i>Oncotarget</i> , 2017, 8, 19894-19901.	0.8	23
48	Inhibitory effects of astragalín on lipopolysaccharide-induced inflammatory response in mouse mammary epithelial cells. <i>Journal of Surgical Research</i> , 2014, 192, 573-581.	0.8	22
49	Ping weisan alleviates chronic colitis in mice by regulating intestinal microbiota composition. <i>Journal of Ethnopharmacology</i> , 2020, 255, 112715.	2.0	22
50	Doxycycline Attenuates <i>Leptospira</i> -Induced IL-1 β by Suppressing NLRP3 Inflammasome Priming. <i>Frontiers in Immunology</i> , 2017, 8, 857.	2.2	21
51	Protective effect of chlorogenic acid on lipopolysaccharide-induced inflammatory response in dairy mammary epithelial cells. <i>Microbial Pathogenesis</i> , 2018, 124, 178-182.	1.3	21
52	Liver X receptor agonist prevents LPS-induced mastitis in mice. <i>International Immunopharmacology</i> , 2014, 22, 379-383.	1.7	20
53	The Abilities of Solidoside on Ameliorating Inflammation, Skewing the Imbalanced Nucleotide Oligomerization Domain-Like Receptor Family Pyrin Domain Containing 3/Autophagy, and Maintaining Intestinal Barrier Are Profitable in Colitis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1385.	1.6	20
54	Dioscin prevents DSS-induced colitis in mice with enhancing intestinal barrier function and reducing colon inflammation. <i>International Immunopharmacology</i> , 2021, 99, 108015.	1.7	20

#	ARTICLE	IF	CITATIONS
55	Thymol inhibits <i>Staphylococcus aureus</i> internalization into bovine mammary epithelial cells by inhibiting NF- κ B activation. <i>Microbial Pathogenesis</i> , 2014, 71-72, 15-19.	1.3	19
56	Sodium butyrate alleviates lipopolysaccharide-induced endometritis in mice through inhibiting inflammatory response. <i>Microbial Pathogenesis</i> , 2019, 137, 103792.	1.3	19
57	Efficacy of cefepime, ertapenem and norfloxacin against leptospirosis and for the clearance of pathogens in a hamster model. <i>Microbial Pathogenesis</i> , 2014, 77, 78-83.	1.3	18
58	Induction of heme oxygenase-1 attenuates NLRP3 inflammasome activation in lipopolysaccharide-induced mastitis in mice. <i>International Immunopharmacology</i> , 2017, 52, 185-190.	1.7	18
59	Pingwei San ameliorates dextran sulfate sodium-induced chronic colitis in mice. <i>Journal of Ethnopharmacology</i> , 2019, 236, 91-99.	2.0	18
60	Dietary Tryptophan-Mediated Aryl Hydrocarbon Receptor Activation by the Gut Microbiota Alleviates <i>Escherichia coli</i> -Induced Endometritis in Mice. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	18
61	Selenium Deficiency Deteriorate the Inflammation of <i>S. aureus</i> Infection via Regulating NF- κ B and PPAR- γ 3 in Mammary Gland of Mice. <i>Biological Trace Element Research</i> , 2016, 172, 140-147.	1.9	17
62	<i>Leptospira interrogans</i> induces uterine inflammatory responses and abnormal expression of extracellular matrix proteins in dogs. <i>Microbial Pathogenesis</i> , 2014, 75, 1-6.	1.3	16
63	Gut microbiota mediate the protective effects on endometritis induced by <i>Staphylococcus aureus</i> in mice. <i>Food and Function</i> , 2020, 11, 3695-3705.	2.1	15
64	Pathway of Programmed Cell Death and Oxidative Stress Induced by β -Hydroxybutyrate in Dairy Cow Abomasum Smooth Muscle Cells and in Mouse Gastric Smooth Muscle. <i>PLoS ONE</i> , 2014, 9, e96775.	1.1	14
65	Changes of microbial and metabolome of the equine hindgut during oligofructose-induced laminitis. <i>BMC Veterinary Research</i> , 2021, 17, 11.	0.7	14
66	<i>Bacillus licheniformis</i> Zhengchangsheng [®] Inhibits Obesity by Regulating the AMP-Activated Protein Kinase Signaling Pathway. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1658-1667.	1.9	14
67	Kynurenic acid protects against mastitis in mice by ameliorating inflammatory responses and enhancing blood-milk barrier integrity. <i>Molecular Immunology</i> , 2021, 137, 134-144.	1.0	14
68	Increased inflammation with crude <i>E. coli</i> LPS protects against acute leptospirosis in hamsters. <i>Emerging Microbes and Infections</i> , 2020, 9, 140-147.	3.0	12
69	The anti-inflammatory effect of TR6 on LPS-induced mastitis in mice. <i>International Immunopharmacology</i> , 2016, 30, 150-156.	1.7	11
70	TRAM-Derived Decoy Peptides inhibits the inflammatory response in mouse mammary epithelial cells and a mastitis model in mice. <i>European Journal of Pharmacology</i> , 2015, 764, 607-612.	1.7	10
71	Characterization of the Bacterial Community of Rumen in Dairy Cows with Laminitis. <i>Genes</i> , 2021, 12, 1996.	1.0	10
72	Effects of Se on the Diversity of Selt Synthesis and Distribution in Different Smooth Muscle Tissues in Rats. <i>Biological Trace Element Research</i> , 2016, 170, 340-347.	1.9	8

#	ARTICLE	IF	CITATIONS
73	DNaseI protects lipopolysaccharide-induced endometritis in mice by inhibiting neutrophil extracellular traps formation. <i>Microbial Pathogenesis</i> , 2021, 150, 104686.	1.3	8
74	The Prevention Effect of <i>Bacillus subtilis</i> on <i>Escherichia coli</i> -Induced Mastitis in Mice by Suppressing the NF- κ B and MAPK Signaling Pathways. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 74-81.	1.9	8
75	Efficacy of the Rabbit Polyclonal Anti-leptospira Antibody against Homotype or Heterotype <i>Leptospira</i> Infection in Hamster. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005191.	1.3	7
76	The differential modulatory effects of <i>Eurotium cristatum</i> on the gut microbiota of obese dogs and mice are associated with improvements in metabolic disturbances. <i>Food and Function</i> , 2021, 12, 12812-12825.	2.1	7
77	Probiotic <i>Enterococcus mundtii</i> H81 inhibits the NF- κ B signaling pathway to ameliorate <i>Staphylococcus aureus</i> -induced mastitis in mice. <i>Microbial Pathogenesis</i> , 2022, 164, 105414.	1.3	7
78	Endometrial inflammation and abnormal expression of extracellular matrix proteins induced by <i>Mycoplasma bovis</i> in dairy cows. <i>Theriogenology</i> , 2014, 81, 669-674.	0.9	6
79	Role of Liver X Receptor in Mastitis Therapy and Regulation of Milk Fat Synthesis. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2019, 24, 73-83.	1.0	6
80	<i>Bacillus subtilis</i> ameliorates <i>Escherichia coli</i> -induced endometritis in mice via maintaining endometrial barrier and inhibiting inflammatory response. <i>Microbial Pathogenesis</i> , 2022, 166, 105487.	1.3	5
81	Neutralization of Interleukin-17A Attenuates Lipopolysaccharide-Induced Mastitis by Inhibiting Neutrophil Infiltration and the Inflammatory Response. <i>Journal of Interferon and Cytokine Research</i> , 2019, 39, 577-584.	0.5	4
82	Changes in the rumen microbiota community in ketosis cows during propylene glycol treatment. <i>Food and Function</i> , 2022, 13, 7144-7156.	2.1	1