

Yongguo Cao

List of Publications by Year in descending order

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96
papers

3,462
citations

109137

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168136

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docs citations

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times ranked

4065
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	Salidroside attenuates inflammatory responses by suppressing nuclear factor- κ B and mitogen activated protein kinases activation in lipopolysaccharide-induced mastitis in mice. <i>Inflammation Research</i> , 2013, 62, 9-15.	1.6	104
5	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
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	Geniposide, from <i>Gardenia jasminoides</i> Ellis, inhibits the inflammatory response in the primary mouse macrophages and mouse models. <i>International Immunopharmacology</i> , 2012, 14, 792-798.	1.7	95
8	Magnolol inhibits lipopolysaccharide-induced inflammatory response by interfering with TLR4 mediated NF- κ B and MAPKs signaling pathways. <i>Journal of Ethnopharmacology</i> , 2013, 145, 193-199.	2.0	90
9	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
10	Baicalin plays an anti-inflammatory role through reducing nuclear factor- κ B and p38 phosphorylation in <i>S. aureus</i> -induced mastitis. <i>International Immunopharmacology</i> , 2013, 16, 125-130.	1.7	84
11	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
12	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
13	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
14	Stevioside Suppressed Inflammatory Cytokine Secretion by Downregulation of NF- κ B and MAPK Signaling Pathways in LPS-Stimulated RAW264.7 Cells. <i>Inflammation</i> , 2012, 35, 1669-1675.	1.7	75
15	<i>Staphylococcus aureus</i> and <i>Escherichia coli</i> elicit different innate immune responses from bovine mammary epithelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 245-252.	0.5	75
16	Long-term hexavalent chromium exposure facilitates colorectal cancer in mice associated with changes in gut microbiota composition. <i>Food and Chemical Toxicology</i> , 2020, 138, 111237.	1.8	67
17	Lipopolysaccharide increases Toll-like receptor 4 and downstream Toll-like receptor signaling molecules expression in bovine endometrial epithelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2013, 151, 20-27.	0.5	66
18	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

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19	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
20	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
21	Shikonin exerts anti-inflammatory effects in a murine model of lipopolysaccharide-induced acute lung injury by inhibiting the nuclear factor-kappaB signaling pathway. <i>International Immunopharmacology</i> , 2013, 16, 475-480.	1.7	54
22	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
23	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
24	Astragalol 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
25	Oxymatrine Lightened the Inflammatory Response of LPS-Induced Mastitis in Mice Through Affecting NF- κ B and MAPKs Signaling Pathways. <i>Inflammation</i> , 2014, 37, 2047-2055.	1.7	50
26	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
27	Magnolol Inhibits the Inflammatory Response in Mouse Mammary Epithelial Cells and a Mouse Mastitis Model. <i>Inflammation</i> , 2015, 38, 16-26.	1.7	49
28	Evaluation of novel fusion proteins derived from extracellular matrix binding domains of LigB as vaccine candidates against leptospirosis in a hamster model. <i>Vaccine</i> , 2011, 29, 7379-7386.	1.7	45
29	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
30	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
31	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
32	Protective effect of taraxasterol on acute lung injury induced by lipopolysaccharide in mice. <i>International Immunopharmacology</i> , 2014, 19, 342-350.	1.7	41
33	Cepharanthine Attenuates Lipopolysaccharide-Induced Mice Mastitis by Suppressing the NF- κ B Signaling Pathway. <i>Inflammation</i> , 2014, 37, 331-337.	1.7	40
34	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
35	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
36	Inhibitory Effects of Emodin, Thymol, and Astragalol 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

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37	The Rumen Microbiota Contributes to the Development of Mastitis in Dairy Cows. <i>Microbiology Spectrum</i> , 2022, 10, e0251221.	1.2	39
38	Ixodes scapularis saliva components that elicit responses associated with acquired tick-resistance. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101369.	1.1	37
39	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
40	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
41	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
42	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
43	Porcine Viperin protein inhibits the replication of classical swine fever virus (CSFV) in vitro. <i>Virology Journal</i> , 2017, 14, 202.	1.4	30
44	Protective Effects of Platycodin D on Lipopolysaccharide-Induced Acute Lung Injury by Activating LXRI±â€“ABCA1 Signaling Pathway. <i>Frontiers in Immunology</i> , 2016, 7, 644.	2.2	30
45	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
46	Protective effect of TM6 on LPS-induced acute lung injury in mice. <i>Scientific Reports</i> , 2017, 7, 572.	1.6	29
47	Protective effect of gossypol on lipopolysaccharide-induced acute lung injury in mice. <i>Inflammation Research</i> , 2013, 62, 499-506.	1.6	28
48	Responses of Murine and Human Macrophages to Leptospiral Infection: A Study Using Comparative Array Analysis. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2477.	1.3	27
49	Role of sortase A in the pathogenesis of <i>Staphylococcus aureus</i> -induced mastitis in mice. <i>FEMS Microbiology Letters</i> , 2014, 351, 95-103.	0.7	27
50	The effects of telocinobufagin isolated from Chan Su on the activation and cytokine secretion of immunocytes in vitro. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 457-464.	1.0	26
51	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
52	<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
53	<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
54	RP105 involved in activation of mouse macrophages via TLR2 and TLR4 signaling. <i>Molecular and Cellular Biochemistry</i> , 2013, 378, 183-193.	1.4	23

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55	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
56	Ping weisan alleviates chronic colitis in mice by regulating intestinal microbiota composition. <i>Journal of Ethnopharmacology</i> , 2020, 255, 112715.	2.0	22
57	Doxycycline Attenuates Leptospira-Induced IL-1 β by Suppressing NLRP3 Inflammasome Priming. <i>Frontiers in Immunology</i> , 2017, 8, 857.	2.2	21
58	Liver X receptor agonist prevents LPS-induced mastitis in mice. <i>International Immunopharmacology</i> , 2014, 22, 379-383.	1.7	20
59	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
60	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
61	Sodium butyrate alleviates lipopolysaccharide-induced endometritis in mice through inhibiting inflammatory response. <i>Microbial Pathogenesis</i> , 2019, 137, 103792.	1.3	19
62	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
63	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
64	Pingwei San ameliorates dextran sulfate sodium-induced chronic colitis in mice. <i>Journal of Ethnopharmacology</i> , 2019, 236, 91-99.	2.0	18
65	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
66	<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
67	Effects of niacin on <i>Staphylococcus aureus</i> internalization into bovine mammary epithelial cells by modulating NF- κ B activation. <i>Microbial Pathogenesis</i> , 2014, 71-72, 62-67.	1.3	15
68	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
69	<i>Bacillus licheniformis</i> Zhengchangsheng $\text{\textcircled{R}}$ Inhibits Obesity by Regulating the AMP-Activated Protein Kinase Signaling Pathway. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1658-1667.	1.9	14
70	Low-dose norfloxacin and ciprofloxacin therapy worsen leptospirosis in hamster. <i>Microbial Pathogenesis</i> , 2017, 102, 36-41.	1.3	13
71	The preventable efficacy of β -glucan against leptospirosis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007789.	1.3	13
72	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

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73	Immunopotential of Caffeoyl Glycoside from <i>Picrorhiza scrophulariiflora</i> on activation and cytokines secretion of immunocyte in vitro. <i>International Immunopharmacology</i> , 2008, 8, 1707-1712.	1.7	11
74	The anti-inflammatory effect of TR6 on LPS-induced mastitis in mice. <i>International Immunopharmacology</i> , 2016, 30, 150-156.	1.7	11
75	<i>Eurotium cristatum</i> produced 1 ² -hydroxy acid metabolite of monacolin K and improved bioactive compound contents as well as functional properties in fermented wheat bran. <i>LWT - Food Science and Technology</i> , 2022, 158, 113088.	2.5	11
76	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
77	A human secretome library screen reveals a role for Peptidoglycan Recognition Protein 1 in Lyme borreliosis. <i>PLoS Pathogens</i> , 2020, 16, e1009030.	2.1	9
78	The Lyme disease agent co-opts adiponectin receptor-mediated signaling in its arthropod vector. <i>ELife</i> , 2021, 10, .	2.8	9
79	Low-dose Norfloxacin-treated leptospires induce less IL-1 ² release in J774A.1 cells following discrepant leptospiral gene expression. <i>Microbial Pathogenesis</i> , 2018, 119, 125-130.	1.3	8
80	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
81	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
82	<i>Aedes aegypti</i> SNAP and a calcium transporter ATPase influence dengue virus dissemination. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009442.	1.3	7
83	Gut microbiota involved in leptospiral infections. <i>ISME Journal</i> , 2022, 16, 764-773.	4.4	7
84	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
85	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
86	Dipotassium glycyrrhizinate relieves leptospira-induced nephritis in vitro and in vivo. <i>Microbial Pathogenesis</i> , 2021, 152, 104770.	1.3	5
87	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
88	An <i>Ixodes scapularis</i> Protein Disulfide Isomerase Contributes to <i>Borrelia burgdorferi</i> Colonization of the Vector. <i>Infection and Immunity</i> , 2020, 88, .	1.0	4
89	Norfloxacin suppresses <i>Leptospira</i> -induced inflammation through inhibiting p65 and ERK phosphorylation and NLRP3 inflammasome activation. <i>Microbial Pathogenesis</i> , 2022, 162, 105315.	1.3	4
90	Preliminary Characterization of Dog Derived Pathogenic Strains of <i>Leptospira interrogans</i> Serovar Australis in Nanchang of Jiangxi Province, China. <i>Frontiers in Veterinary Science</i> , 2020, 7, 607115.	0.9	3

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91	The pre-activated immune response induced by LPS protects host from leptospirosis. PLoS ONE, 2020, 15, e0242742.	1.1	3
92	A lethal model of Leptospira infection in hamster nasal mucosa. PLoS Neglected Tropical Diseases, 2022, 16, e0010191.	1.3	3
93	Immune-enhanced effect of Iris polysaccharide is protective against leptospirosis. Microbial Pathogenesis, 2021, 154, 104855.	1.3	2
94	IL-10 Deficiency Protects Hamsters from <i>Leptospira</i> Infection. Infection and Immunity, 2022, 90, IAI0058421.	1.0	1
95	Emergency vaccine immunization protects hamsters against acute leptospirosis. Microbial Pathogenesis, 2021, 161, 105274.	1.3	0
96	Astragalus polysaccharides protects against acute leptospirosis by glycolysis-depended priming effect. Biomedicine and Pharmacotherapy, 2022, 151, 113198.	2.5	0