Yongguo Cao

List of Publications by Year in Descending Order

94 papers	2,314 citations	29 h-index	44 g-index
99 ext. papers	2,963 ext. citations	5.3 avg, IF	4.79 L-index

#	Paper	IF	Citations
94	Eurotium cristatum produced Ehydroxy acid metabolite of monacolin K and improved bioactive compound contents as well as functional properties in fermented wheat bran. *LWT - Food Science and Technology*, **2022**, 158, 113088	5.4	1
93	The Rumen Microbiota Contributes to the Development of Mastitis in Dairy Cows.. *Microbiology Spectrum*, **2022**, 10, e0251221	8.9	1
92	A lethal model of Leptospira infection in hamster nasal mucosa.. *PLoS Neglected Tropical Diseases*, **2022**, 16, e0010191	4.8	0
91	Astragalus polysaccharides protects against acute leptospirosis by glycolysis-depended priming effect. *Biomedicine and Pharmacotherapy*, **2022**, 151, 113198	7.5	
90	Norfloxacin suppresses Leptospira-induced inflammation through inhibiting p65 and ERK phosphorylation and NLRP3 inflammasome activation. *Microbial Pathogenesis*, **2021**, 162, 105315	3.8	0
89	The Lyme disease agent co-opts adiponectin receptor-mediated signaling in its arthropod vector. *ELife*, **2021**, 10,	8.9	1
88	Emergency vaccine immunization protects hamsters against acute leptospirosis. *Microbial Pathogenesis*, **2021**, 161, 105274	3.8	
87	The Prevention Effect of Bacillus subtilis on Escherichia coli-Induced Mastitis in Mice by Suppressing the NF-B and MAPK Signaling Pathways. *Probiotics and Antimicrobial Proteins*, **2021**, 1	5.5	1
86	Dipotassium glycyrrhizinate relieves leptospira-induced nephritis in vitro and in vivo. *Microbial Pathogenesis*, **2021**, 152, 104770	3.8	3
85	Bacillus licheniformis Zhengchangsheng Inhibits Obesity by Regulating the AMP-Activated Protein Kinase Signaling Pathway. *Probiotics and Antimicrobial Proteins*, **2021**, 13, 1658-1667	5.5	2
84	Immune-enhanced effect of Iris polysaccharide is protective against leptospirosis. *Microbial Pathogenesis*, **2021**, 154, 104855	3.8	
83	Aedes aegypti SNAP and a calcium transporter ATPase influence dengue virus dissemination. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009442	4.8	2
82	Gut microbiota involved in leptospiral infections. *ISME Journal*, **2021**,	11.9	1
81	Dioscin prevents DSS-induced colitis in mice with enhancing intestinal barrier function and reducing colon inflammation. *International Immunopharmacology*, **2021**, 99, 108015	5.8	4
80	IL-10 deficiency protects hamsters from infection.. *Infection and Immunity*, **2021**, IAI0058421	3.7	
79	Long-term hexavalent chromium exposure facilitates colorectal cancer in mice associated with changes in gut microbiota composition. *Food and Chemical Toxicology*, **2020**, 138, 111237	4.7	26
78	Ping weisan alleviates chronic colitis in mice by regulating intestinal microbiota composition. *Journal of Ethnopharmacology*, **2020**, 255, 112715	5	7

77	The gut microbiota contributes to the development of Staphylococcus aureus-induced mastitis in mice. *ISME Journal*, **2020**, 14, 1897-1910	11.9	32
76	A human secretome library screen reveals a role for Peptidoglycan Recognition Protein 1 in Lyme borreliosis. *PLoS Pathogens*, **2020**, 16, e1009030	7.6	6
75	The pre-activated immune response induced by LPS protects host from leptospirosis. *PLoS ONE*, **2020**, 15, e0242742	3.7	0
74	Ixodes scapularis saliva components that elicit responses associated with acquired tick-resistance. *Ticks and Tick-borne Diseases*, **2020**, 11, 101369	3.6	22
73	Increased inflammation with crude LPS protects against acute leptospirosis in hamsters. *Emerging Microbes and Infections*, **2020**, 9, 140-147	18.9	7
72	An Ixodes scapularis Protein Disulfide Isomerase Contributes to Borrelia burgdorferi Colonization of the Vector. *Infection and Immunity*, **2020**, 88,	3.7	2
71	Gut microbiota mediate the protective effects on endometritis induced by Staphylococcus aureus in mice. *Food and Function*, **2020**, 11, 3695-3705	6.1	3
70	Preliminary Characterization of Dog Derived Pathogenic Strains of Serovar Australis in Nanchang of Jiangxi Province, China. *Frontiers in Veterinary Science*, **2020**, 7, 607115	3.1	1
69	The protective role of phloretin against dextran sulfate sodium-induced ulcerative colitis in mice. *Food and Function*, **2019**, 10, 422-431	6.1	60
68	Ripened Pu-erh Tea Extract Protects Mice from Obesity by Modulating Gut Microbiota Composition. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 6978-6994	5.7	40
67	Dimethyl itaconate protects against lippolysacchride-induced mastitis in mice by activating MAPKs and Nrf2 and inhibiting NF-B signaling pathways. *Microbial Pathogenesis*, **2019**, 133, 103541	3.8	24
66	Pingwei San ameliorates dextran sulfate sodium-induced chronic colitis in mice. *Journal of Ethnopharmacology*, **2019**, 236, 91-99	5	9
65	Neutralization of Interleukin-17A Attenuates Lipopolysaccharide-Induced Mastitis by Inhibiting Neutrophil Infiltration and the Inflammatory Response. *Journal of Interferon and Cytokine Research*, **2019**, 39, 577-584	3.5	3
64	Sodium butyrate alleviates lipopolysaccharide-induced endometritis in mice through inhibiting inflammatory response. *Microbial Pathogenesis*, **2019**, 137, 103792	3.8	10
63	The preventable efficacy of glucan against leptospirosis. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007789	4.8	9
62	The Abilities of Salidroside 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. *Frontiers in Pharmacology*, **2019**, 10, 1385	5.6	8
61	Clostridium tyrobutyricum alleviates Staphylococcus aureus-induced endometritis in mice by inhibiting endometrial barrier disruption and inflammatory response. *Food and Function*, **2019**, 10, 6699-6710	6.1	7
60	Evodiamine prevents dextran sulfate sodium-induced murine experimental colitis via the regulation of NF-B and NLRP3 inflammasome. *Biomedicine and Pharmacotherapy*, **2019**, 110, 786-795	7.5	42

59	Magnolol treatment attenuates dextran sulphate sodium-induced murine experimental colitis by regulating inflammation and mucosal damage. *Life Sciences*, **2018**, 196, 69-76	6.8	38
58	Low-dose Norfloxacin-treated leptospires induce less IL-1β release in J774A.1 cells following discrepant leptospiral gene expression. *Microbial Pathogenesis*, **2018**, 119, 125-130	3.8	8
57	Protective Effect of Naringin on DSS-Induced Ulcerative Colitis in Mice. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 13133-13140	5.7	62
56	Melatonin inhibits endoplasmic reticulum stress-associated TXNIP/NLRP3 inflammasome activation in lipopolysaccharide-induced endometritis in mice. *International Immunopharmacology*, **2018**, 64, 101-109	5.8	30
55	The Protective Effect of Baicalin Against Lead-Induced Renal Oxidative Damage in Mice. *Biological Trace Element Research*, **2017**, 175, 129-135	4.5	27
54	Inhibitory Effects of Emodin, Thymol, and Astragalin on Leptospira interrogans-Induced Inflammatory Response in the Uterine and Endometrium Epithelial Cells of Mice. *Inflammation*, **2017**, 40, 666-675	5.1	28
53	Protective effect of TM6 on LPS-induced acute lung injury in mice. *Scientific Reports*, **2017**, 7, 572	4.9	20
52	Low-dose norfloxacin and ciprofloxacin therapy worsen leptospirosis in hamster. *Microbial Pathogenesis*, **2017**, 102, 36-41	3.8	11
51	Administration of geniposide ameliorates dextran sulfate sodium-induced colitis in mice via inhibition of inflammation and mucosal damage. *International Immunopharmacology*, **2017**, 49, 168-177	5.8	22
50	In Vivo Study of the Efficacy of the Essential Oil of Zanthoxylum bungeanum Pericarp in Dextran Sulfate Sodium-Induced Murine Experimental Colitis. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 3311-3319	5.7	26
49	Induction of heme oxygenas-1 attenuates NLRP3 inflammasome activation in lipopolysaccharide-induced mastitis in mice. *International Immunopharmacology*, **2017**, 52, 185-190	5.8	13
48	Porcine Viperin protein inhibits the replication of classical swine fever virus (CSFV) in vitro. *Virology Journal*, **2017**, 14, 202	6.1	15
47	and Study on the Efficacy of Terpinen-4-ol in Dextran Sulfate Sodium-Induced Mice Experimental Colitis. *Frontiers in Immunology*, **2017**, 8, 558	8.4	21
46	Doxycycline Attenuates Leptospira-Induced IL-1β by Suppressing NLRP3 Inflammasome Priming. *Frontiers in Immunology*, **2017**, 8, 857	8.4	17
45	Zanthoxylum bungeanum pericarp extract prevents dextran sulfate sodium-induced experimental colitis in mice via the regulation of TLR4 and TLR4-related signaling pathways. *International Immunopharmacology*, **2016**, 41, 127-135	5.8	28
44	Toll-Like Receptor 2 Agonist Pam3CSK4 Alleviates the Pathology of Leptospirosis in Hamster. *Infection and Immunity*, **2016**, 84, 3350-3357	3.7	21
43	Selenium Deficiency Facilitates Inflammation Following S. aureus Infection by Regulating TLR2-Related Pathways in the Mouse Mammary Gland. *Biological Trace Element Research*, **2016**, 172, 449-457	4.5	27
42	Selenium Deficiency Deteriorate the Inflammation of S. aureus Infection via Regulating NF-Bꞵ and PPAR-γ in Mammary Gland of Mice. *Biological Trace Element Research*, **2016**, 172, 140-147	4.5	11

41	The anti-inflammatory effect of TR6 on LPS-induced mastitis in mice. *International Immunopharmacology*, **2016**, 30, 150-156	5.8	11
40	Protective Effects of Platycodin D on Lipopolysaccharide-Induced Acute Lung Injury by Activating LXR□ABCA1 Signaling Pathway. *Frontiers in Immunology*, **2016**, 7, 644	8.4	21
39	Efficacy of the Rabbit Polyclonal Anti-leptospira Antibody against Homotype or Heterotype Leptospira Infection in Hamster. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0005191	4.8	6
38	TRAM-Derived Decoy Peptides inhibits the inflammatory response in mouse mammary epithelial cells and a mastitis model in mice. *European Journal of Pharmacology*, **2015**, 764, 607-612	5.3	9
37	Leonurine exerts anti-inflammatory effect by regulating inflammatory signaling pathways and cytokines in LPS-induced mouse mastitis. *Inflammation*, **2015**, 38, 79-88	5.1	42
36	Selenium Deficiency Facilitates Inflammation Through the Regulation of TLR4 and TLR4-Related Signaling Pathways in the Mice Uterus. *Inflammation*, **2015**, 38, 1347-56	5.1	32
35	Saikosaponin a inhibits lipopolysaccharide-oxidative stress and inflammation in Human umbilical vein endothelial cells via preventing TLR4 translocation into lipid rafts. *Free Radical Biology and Medicine*, **2015**, 89, 777-85	7.8	73
34	Magnolol inhibits the inflammatory response in mouse mammary epithelial cells and a mouse mastitis model. *Inflammation*, **2015**, 38, 16-26	5.1	36
33	Curcumin attenuates inflammatory responses by suppressing TLR4-mediated NF-B signaling pathway in lipopolysaccharide-induced mastitis in mice. *International Immunopharmacology*, **2014**, 20, 54-8	5.8	72
32	Protective effect of taraxasterol on acute lung injury induced by lipopolysaccharide in mice. *International Immunopharmacology*, **2014**, 19, 342-50	5.8	38
31	Thymol inhibits LPS-stimulated inflammatory response via down-regulation of NF-B and MAPK signaling pathways in mouse mammary epithelial cells. *Inflammation*, **2014**, 37, 214-22	5.1	102
30	Efficacy of cefepime, ertapenem and norfloxacin against leptospirosis and for the clearance of pathogens in a hamster model. *Microbial Pathogenesis*, **2014**, 77, 78-83	3.8	16
29	Oxymatrine lightened the inflammatory response of LPS-induced mastitis in mice through affecting NF-B and MAPKs signaling pathways. *Inflammation*, **2014**, 37, 2047-55	5.1	44
28	Leptospira interrogans induces uterine inflammatory responses and abnormal expression of extracellular matrix proteins in dogs. *Microbial Pathogenesis*, **2014**, 75, 1-6	3.8	13
27	Stevioside inhibits inflammation and apoptosis by regulating TLR2 and TLR2-related proteins in S. aureus-infected mouse mammary epithelial cells. *International Immunopharmacology*, **2014**, 22, 192-9	5.8	21
26	Liver X receptor agonist prevents LPS-induced mastitis in mice. *International Immunopharmacology*, **2014**, 22, 379-83	5.8	20
25	Cepharanthine attenuates lipopolysaccharide-induced mice mastitis by suppressing the NF-B signaling pathway. *Inflammation*, **2014**, 37, 331-7	5.1	26
24	Geniposide plays an anti-inflammatory role via regulating TLR4 and downstream signaling pathways in lipopolysaccharide-induced mastitis in mice. *Inflammation*, **2014**, 37, 1588-98	5.1	65

23	Stevioside plays an anti-inflammatory role by regulating the NF-Β and MAPK pathways in S. aureus-infected mouse mammary glands. *Inflammation*, **2014**, 37, 1837-46	5.1	44
22	Endometrial inflammation and abnormal expression of extracellular matrix proteins induced by Mycoplasma bovis in dairy cows. *Theriogenology*, **2014**, 81, 669-74	2.8	4
21	Role of sortase A in the pathogenesis of Staphylococcus aureus-induced mastitis in mice. *FEMS Microbiology Letters*, **2014**, 351, 95-103	2.9	19
20	Inhibitory effects of astragalin on lipopolysaccharide-induced inflammatory response in mouse mammary epithelial cells. *Journal of Surgical Research*, **2014**, 192, 573-81	2.5	19
19	Effects of niacin on Staphylococcus aureus internalization into bovine mammary epithelial cells by modulating NF-Β activation. *Microbial Pathogenesis*, **2014**, 71-72, 62-7	3.8	9
18	Geniposide inhibited lipopolysaccharide-induced apoptosis by modulating TLR4 and apoptosis-related factors in mouse mammary glands. *Life Sciences*, **2014**, 119, 9-17	6.8	27
17	Baicalin inhibits Staphylococcus aureus-induced apoptosis by regulating TLR2 and TLR2-related apoptotic factors in the mouse mammary glands. *European Journal of Pharmacology*, **2014**, 723, 481-8	5.3	33
16	Selenium inhibits LPS-induced pro-inflammatory gene expression by modulating MAPK and NF-Β signaling pathways in mouse mammary epithelial cells in primary culture. *Inflammation*, **2014**, 37, 478-85	5.1	56
15	Protective effect of gossypol on lipopolysaccharide-induced acute lung injury in mice. *Inflammation Research*, **2013**, 62, 499-506	7.2	22
14	Astragalin suppresses inflammatory responses via down-regulation of NF-Β signaling pathway in lipopolysaccharide-induced mastitis in a murine model. *International Immunopharmacology*, **2013**, 17, 478-82	5.8	40
13	Lipopolysaccharide increases Toll-like receptor 4 and downstream Toll-like receptor signaling molecules expression in bovine endometrial epithelial cells. *Veterinary Immunology and Immunopathology*, **2013**, 151, 20-7	2	48
12	Salidroside attenuates inflammatory responses by suppressing nuclear factor-Β and mitogen activated protein kinases activation in lipopolysaccharide-induced mastitis in mice. *Inflammation Research*, **2013**, 62, 9-15	7.2	89
11	Baicalin plays an anti-inflammatory role through reducing nuclear factor-Β and p38 phosphorylation in S. aureus-induced mastitis. *International Immunopharmacology*, **2013**, 16, 125-30	5.8	73
10	Staphylococcus aureus and Escherichia coli elicit different innate immune responses from bovine mammary epithelial cells. *Veterinary Immunology and Immunopathology*, **2013**, 155, 245-52	2	54
9	Shikonin exerts anti-inflammatory effects in a murine model of lipopolysaccharide-induced acute lung injury by inhibiting the nuclear factor-kappaB signaling pathway. *International Immunopharmacology*, **2013**, 16, 475-80	5.8	50
8	RP105 involved in activation of mouse macrophages via TLR2 and TLR4 signaling. *Molecular and Cellular Biochemistry*, **2013**, 378, 183-93	4.2	16
7	Magnolol inhibits lipopolysaccharide-induced inflammatory response by interfering with TLR4 mediated NF-Β and MAPKs signaling pathways. *Journal of Ethnopharmacology*, **2013**, 145, 193-9	5	73
6	Responses of murine and human macrophages to leptospiral infection: a study using comparative array analysis. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2477	4.8	16

5	Stevioside suppressed inflammatory cytokine secretion by downregulation of NF-B and MAPK signaling pathways in LPS-stimulated RAW264.7 cells. *Inflammation*, **2012**, 35, 1669-75	5.1	64
4	Geniposide, from Gardenia jasminoides Ellis, inhibits the inflammatory response in the primary mouse macrophages and mouse models. *International Immunopharmacology*, **2012**, 14, 792-8	5.8	82
3	Evaluation of novel fusion proteins derived from extracellular matrix binding domains of LigB as vaccine candidates against leptospirosis in a hamster model. *Vaccine*, **2011**, 29, 7379-86	4.1	38
2	The effects of telocinobufagin isolated from Chan Su on the activation and cytokine secretion of immunocytes in vitro. *Fundamental and Clinical Pharmacology*, **2009**, 23, 457-64	3.1	22
1	Immunopotentiation of Caffeoyl Glycoside from Picrorhiza scrophulariiflora on activation and cytokines secretion of immunocyte in vitro. *International Immunopharmacology*, **2008**, 8, 1707-12	5.8	8