

Meng-yao Guo

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,519
citations

304368

22
h-index

360668

35
g-index

62
all docs

62
docs citations

62
times ranked

1875
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Oridonin attenuates the release of pro-inflammatory cytokines in lipopolysaccharide-induced RAW264.7 cells and acute lung injury. <i>Oncotarget</i> , 2017, 8, 68153-68164.	0.8	81
4	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
5	Upregulated-gene expression of pro-inflammatory cytokines (TNF- α , IL-1 β and IL-6) via TLRs following NF- κ B and MAPKs in bovine mastitis. <i>Acta Tropica</i> , 2020, 207, 105458.	0.9	55
6	Luteolin reduces inflammation in <i>Staphylococcus aureus</i> -induced mastitis by inhibiting NF- κ B activation and MMPs expression. <i>Oncotarget</i> , 2017, 8, 28481-28493.	0.8	49
7	New insights into crosstalk between apoptosis and necroptosis co-induced by chlorothalonil and imidacloprid in <i>Ctenopharyngodon idellus</i> kidney cells. <i>Science of the Total Environment</i> , 2021, 780, 146591.	3.9	44
8	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
9	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
10	TMT induces apoptosis and necroptosis in mouse kidneys through oxidative stress-induced activation of the NLRP3 inflammasome. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113167.	2.9	38
11	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
12	Hydrogen sulfide of air induces macrophage extracellular traps to aggravate inflammatory injury via the regulation of miR-15b-5p on MAPK and insulin signals in trachea of chickens. <i>Science of the Total Environment</i> , 2021, 771, 145407.	3.9	36
13	Brazilin plays an anti-inflammatory role with regulating Toll-like receptor 2 and TLR 2 downstream pathways in <i>Staphylococcus aureus</i> -induced mastitis in mice. <i>International Immunopharmacology</i> , 2015, 27, 130-137.	1.7	33
14	Piperine Plays an Anti-Inflammatory Role in <i>Staphylococcus aureus</i> Endometritis by Inhibiting Activation of NF- κ B and MAPK Pathways in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	0.5	32
15	Glycitin alleviates lipopolysaccharide-induced acute lung injury via inhibiting NF- κ B and MAPKs pathway activation in mice. <i>International Immunopharmacology</i> , 2019, 75, 105749.	1.7	32
16	Zinc Deficiency Promoted Fibrosis via ROS and TIMP/MMPs in the Myocardium of Mice. <i>Biological Trace Element Research</i> , 2020, 196, 145-152.	1.9	32
17	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
18	Selenium influences mmu-miR-155 to inhibit inflammation in <i>Staphylococcus aureus</i> -induced mastitis in mice. <i>Food and Function</i> , 2019, 10, 6543-6555.	2.1	30

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19	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
20	Betulin suppresses <i>S. aureus</i> -induced mammary gland inflammatory injury by regulating PPAR- β in mice. <i>International Immunopharmacology</i> , 2015, 29, 824-831.	1.7	27
21	Selenium Induces an Anti-tumor Effect Via Inhibiting Intratumoral Angiogenesis in a Mouse Model of Transplanted Canine Mammary Tumor Cells. <i>Biological Trace Element Research</i> , 2016, 171, 371-379.	1.9	27
22	IFN- γ , inhibits <i>S. aureus</i> -induced inflammation by suppressing the activation of NF- κ B and MAPKs in RAW 264.7 cells and mice with pneumonia. <i>International Immunopharmacology</i> , 2016, 35, 332-340.	1.7	23
23	Selenium Attenuates <i>Staphylococcus aureus</i> Mastitis in Mice by Inhibiting the Activation of the NALP3 Inflammasome and NF- κ B/MAPK Pathway. <i>Biological Trace Element Research</i> , 2019, 191, 159-166.	1.9	23
24	Zinc Deficiency Promotes Testicular Cell Apoptosis in Mice. <i>Biological Trace Element Research</i> , 2020, 195, 142-149.	1.9	23
25	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
26	Inhibitory effects of astragaloside on lipopolysaccharide-induced inflammatory response in mouse mammary epithelial cells. <i>Journal of Surgical Research</i> , 2014, 192, 573-581.	0.8	22
27	Anti-inflammatory effects of Hederacoside-C on <i>Staphylococcus aureus</i> induced inflammation via TLRs and their downstream signal pathway in vivo and in vitro. <i>Microbial Pathogenesis</i> , 2019, 137, 103767.	1.3	22
28	Hederacoside-C Inhibition of <i>Staphylococcus aureus</i> -Induced Mastitis via TLR2 & TLR4 and Their Downstream Signaling NF- κ B and MAPKs Pathways In Vivo and In Vitro. <i>Inflammation</i> , 2020, 43, 579-594.	1.7	22
29	Zinc Deficiency Aggravates Oxidative Stress Leading to Inflammation and Fibrosis in Lung of Mice. <i>Biological Trace Element Research</i> , 2022, 200, 4045-4057.	1.9	22
30	Selenium Plays a Protective Role in <i>Staphylococcus aureus</i> -Induced Endometritis in the Uterine Tissue of Rats. <i>Biological Trace Element Research</i> , 2016, 173, 345-353.	1.9	21
31	IFN- γ , Alleviates Lipopolysaccharide-Induced Inflammation by Suppressing NF- κ B and MAPKs Pathway Activation in Mice. <i>Inflammation</i> , 2016, 39, 1141-50.	1.7	21
32	Selenium alleviates lipopolysaccharide-induced endometritis via regulating the recruitment of TLR4 into lipid rafts in mice. <i>Food and Function</i> , 2020, 11, 200-210.	2.1	21
33	Transcriptional Profiling of Exosomes Derived from <i>Staphylococcus aureus</i> -Infected Bovine Mammary Epithelial Cell Line MAC-T by RNA-Seq Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	21
34	Allicin Inhibited <i>Staphylococcus aureus</i> -Induced Mastitis by Reducing Lipid Raft Stability via LxR β in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10863-10870.	2.4	20
35	Zinc Deficiency Aggravation of ROS and Inflammatory Injury Leading to Renal Fibrosis in Mice. <i>Biological Trace Element Research</i> , 2021, 199, 622-632.	1.9	20
36	Selenium suppresses inflammation by inducing microRNA-146a in <i>Staphylococcus aureus</i> -infected mouse mastitis model. <i>Oncotarget</i> , 2017, 8, 110949-110964.	0.8	18

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37	Dietary Selenium Influences Calcium Release and Activation of MLCK in Uterine Smooth Muscle of Rats. <i>Biological Trace Element Research</i> , 2013, 154, 127-133.	1.9	17
38	Exosomal <i>lncAFTR</i> as a novel translation regulator of <i>FAS</i> ameliorates <i>Staphylococcus aureus</i> -induced mastitis. <i>BioFactors</i> , 2022, 48, 148-163.	2.6	17
39	<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
40	<i>Ammonia</i> induces autophagy via <i>FNLR1</i> / <i>miR-2188-5p</i> / <i>RNF182</i> axis in tracheas of chickens. <i>BioFactors</i> , 2022, 48, 416-427.	2.6	16
41	Protective Action of Se-Supplement Against Acute Alcoholism Is Regulated by Selenoprotein P (SelP) in the Liver. <i>Biological Trace Element Research</i> , 2017, 175, 375-387.	1.9	14
42	<i>IFN-γ</i> Displays Anti-Inflammatory Effects on <i>Staphylococcus aureus</i> Endometritis via Inhibiting the Activation of the NF- κ B and MAPK Pathways in Mice. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	13
43	<i>Gas6</i> negatively regulates the <i>Staphylococcus aureus</i> -induced inflammatory response via TLR signaling in the mouse mammary gland. <i>Journal of Cellular Physiology</i> , 2020, 235, 7081-7093.	2.0	13
44	Selenium Deficiency Caused Fibrosis as an Oxidative Stress-induced Inflammatory Injury in the Lungs of Mice. <i>Biological Trace Element Research</i> , 2023, 201, 1286-1300.	1.9	13
45	<i>Vitexin</i> Mitigates <i>Staphylococcus aureus</i> -Induced Mastitis via Regulation of ROS/ER Stress/NF- κ B/MAPK Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	13
46	Selenoprotein N Was Required for the Regulation of Selenium on the Uterine Smooth Muscle Contraction in Mice. <i>Biological Trace Element Research</i> , 2018, 183, 138-146.	1.9	12
47	Selenium Deficiency Leads to Reduced Skeletal Muscle Cell Differentiation by Oxidative Stress in Mice. <i>Biological Trace Element Research</i> , 2023, 201, 1878-1887.	1.9	12
48	<i>Sophocarpine</i> displays anti-inflammatory effect via inhibiting TLR4 and TLR4 downstream pathways on LPS-induced mastitis in the mammary gland of mice. <i>International Immunopharmacology</i> , 2016, 35, 111-118.	1.7	11
49	The Anti-Inflammatory Effects of Interferon Tau by Suppressing NF- κ B/MMP9 in Macrophages Stimulated with <i>Staphylococcus aureus</i> . <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 516-524.	0.5	10
50	Se Enhances MLCK Activation by Regulating Selenoprotein T (SelT) in the Gastric Smooth Muscle of Rats. <i>Biological Trace Element Research</i> , 2016, 173, 116-125.	1.9	10
51	Sodium houttuyfonate inhibits LPS-induced mastitis in mice via the NF- κ B signalling pathway. <i>Molecular Medicine Reports</i> , 2019, 19, 2279-2286.	1.1	10
52	Zinc Deficiency Induces Oxidative Damage and Causes Spleen Fibrosis. <i>Biological Trace Element Research</i> , 2020, 194, 203-209.	1.9	10
53	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
54	Effects of Selenium on MAC-T Cells in Bovine Mastitis: Transcriptome Analysis of Exosomal mRNA Interactions. <i>Biological Trace Element Research</i> , 2021, 199, 2904-2912.	1.9	8

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55	Se Regulates the Contractile Ability of Uterine Smooth Muscles via Selenoprotein N, Selenoprotein T, and Selenoprotein W in Mice. <i>Biological Trace Element Research</i> , 2019, 192, 196-205.	1.9	7
56	Dietary Selenium Deficiency Facilitated Reduced Stomatin and Phosphatidylserine Externalization, Increasing Erythrocyte Osmotic Fragility in Mice. <i>Biological Trace Element Research</i> , 2021, 199, 594-603.	1.9	7
57	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
58	MerTK negatively regulates <i>Staphylococcus aureus</i> induced inflammatory response via SOCS1/SOCS3 and Mal. <i>Immunobiology</i> , 2020, 225, 151960.	0.8	5
59	MerTK negatively regulates <i>Staphylococcus aureus</i> induced inflammatory response via Toll-like receptor signaling in the mammary gland. <i>Molecular Immunology</i> , 2020, 122, 1-12.	1.0	4
60	LncRNAs Transcriptome Analysis Revealed Potential Mechanisms of Selenium to Mastitis in Dairy Cows. <i>Biological Trace Element Research</i> , 2022, , 1.	1.9	1