Miao Long

List of Publications by Year
in descending order

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60 papers	1,928 citations	201658 27 h-index	289230 40 g-index
60 all docs	60 docs citations	60 times ranked	1978 citing authors

#	Article	IF	Citations
1	Quercetin: Its Main Pharmacological Activity and Potential Application in Clinical Medicine. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	4.0	251
2	The Protective Effect of Grape-Seed Proanthocyanidin Extract on Oxidative Damage Induced by Zearalenone in Kunming Mice Liver. International Journal of Molecular Sciences, 2016, 17, 808.	4.1	71
3	Detoxification Strategies for Zearalenone Using Microorganisms: A Review. Microorganisms, 2019, 7, 208.	3.6	70
4	The biological detoxification of deoxynivalenol: A review. Food and Chemical Toxicology, 2020, 145, 111649.	3.6	65
5	Astaxanthin Protects Ochratoxin A-Induced Oxidative Stress and Apoptosis in the Heart via the Nrf2 Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	4.0	57
6	Proanthocyanidins Attenuation of Chronic Lead-Induced Liver Oxidative Damage in Kunming Mice via the Nrf2/ARE Pathway. Nutrients, 2016, 8, 656.	4.1	56
7	Aflatoxin Detoxification Using Microorganisms and Enzymes. Toxins, 2021, 13, 46.	3.4	52
8	Fumonisin B1: Mechanisms of toxicity and biological detoxification progress in animals. Food and Chemical Toxicology, 2021, 149, 111977.	3.6	51
9	Curcumin inhibits zearalenone-induced apoptosis and oxidative stress in Leydig cells via modulation of the PTEN/Nrf2/Bip signaling pathway. Food and Chemical Toxicology, 2020, 141, 111385.	3.6	47
10	Intervention of Grape Seed Proanthocyanidin Extract on the Subchronic Immune Injury in Mice Induced by Aflatoxin B1. International Journal of Molecular Sciences, 2016, 17, 516.	4.1	43
11	Protective role of curcumin in cadmium-induced testicular injury in mice by attenuating oxidative stress via Nrf2/ARE pathway. Environmental Science and Pollution Research, 2019, 26, 34575-34583.	5.3	42
12	Bacillus amyloliquefaciens B10 can alleviate liver apoptosis and oxidative stress induced by aflatoxin B1. Food and Chemical Toxicology, 2021, 151, 112124.	3.6	42
13	Research Progress on Fumonisin B1 Contamination and Toxicity: A Review. Molecules, 2021, 26, 5238.	3.8	41
14	Astaxanthin Protects OTA-Induced Lung Injury in Mice through the Nrf2/NF-Î²B Pathway. Toxins, 2019, 11, 540.	3.4	40
15	Activity and Mechanism of Action of Antifungal Peptides from Microorganisms: A Review. Molecules, 2021, 26, 3438.	3.8	40
16	An update on immunotoxicity and mechanisms of action of six environmental mycotoxins. Food and Chemical Toxicology, 2022, 163, 112895.	3.6	39
17	Protective effects of proanthocyanidins against cadmium-induced testicular injury through the modification of Nrf2-Keap1 signal path in rats. Environmental Toxicology and Pharmacology, 2018, 57, 1-8.	4.0	38
18	Seroprevalence of Toxoplasma gondii infection in slaughtered chickens, ducks, and geese in Shenyang, northeastern China. Parasites and Vectors, 2012, 5, 237.	2.5	37

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19	The Protective Effect of Selenium on Chronic Zearalenone-Induced Reproductive System Damage in Male Mice. Molecules, 2016, 21, 1687.	3.8	37
20	Palmitic Acid and Î²-Hydroxybutyrate Induce Inflammatory Responses in Bovine Endometrial Cells by Activating Oxidative Stress-Mediated NF-Î¹B Signaling. Molecules, 2019, 24, 2421.	3.8	37
21	Sulforaphane Prevents Testicular Damage in Kunming Mice Exposed to Cadmium via Activation of Nrf2/ARE Signaling Pathways. International Journal of Molecular Sciences, 2016, 17, 1703.	4.1	36
22	Protective Mechanism of Sulforaphane on Cadmium-Induced Sertoli Cell Injury in Mice Testis via Nrf2/ARE Signaling Pathway. Molecules, 2018, 23, 1774.	3.8	36
23	Selenium-enriched yeast reduces caecal pathological injuries and intervenes changes of the diversity of caecal microbiota caused by Ochratoxin-A in broilers. Food and Chemical Toxicology, 2020, 137, 111139.	3.6	35
24	Protective effect of proanthocyanidin on mice Sertoli cell apoptosis induced by zearalenone via the Nrf2/ARE signalling pathway. Environmental Science and Pollution Research, 2017, 24, 26724-26733.	5.3	34
25	Selenium-rich yeast attenuates ochratoxin A-induced small intestinal injury in broiler chickens by activating the Nrf2 pathway and inhibiting NF-KB activation. Journal of Functional Foods, 2020, 66, 103784.	3.4	34
26	Proanthocyanidins Protect Epithelial Cells from Zearalenone-Induced Apoptosis via Inhibition of Endoplasmic Reticulum Stress-Induced Apoptosis Pathways in Mouse Small Intestines. Molecules, 2018, 23, 1508.	3.8	33
27	Combined Use of C. butyricum Sx-01 and L. salivarius C-1-3 Improves Intestinal Health and Reduces the Amount of Lipids in Serum via Modulation of Gut Microbiota in Mice. Nutrients, 2018, 10, 810.	4.1	32
28	Effect of Non-Esterified Fatty Acids on Fatty Acid Metabolism-Related Genes in Calf Hepatocytes Culturedin Vitro. Cellular Physiology and Biochemistry, 2013, 32, 1509-1516.	1.6	30
29	Characterization of semen quality, testicular marker enzyme activities and gene expression changes in the blood testis barrier of Kunming mice following acute exposure to zearalenone. Environmental Science and Pollution Research, 2017, 24, 27235-27243.	5.3	29
30	Proanthocyanidin protects against acute zearalenone-induced testicular oxidative damage in male mice. Environmental Science and Pollution Research, 2017, 24, 938-946.	5.3	27
31	Bacillus velezensis A2 fermentation exerts a protective effect on renal injury induced by Zearalenone in mice. Scientific Reports, 2018, 8, 13646.	3.3	27
32	Selenium Yeast Alleviates Ochratoxin A-Induced Apoptosis and Oxidative Stress via Modulation of the PI3K/AKT and Nrf2/Keap1 Signaling Pathways in the Kidneys of Chickens. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12.	4.0	27
33	The Influence of Selenium Yeast on Hematological, Biochemical and Reproductive Hormone Level Changes in Kunming Mice Following Acute Exposure to Zearalenone. Biological Trace Element Research, 2016, 174, 362-368.	3.5	23
34	Sulforaphane Protect Against Cadmium-Induced Oxidative Damage in mouse Leydigs cells by Activating Nrf2/ARE Signaling Pathway. International Journal of Molecular Sciences, 2019, 20, 630.	4.1	23
35	Bacillus amyloliquefaciens B10 can alleviate aflatoxin B1-induced kidney oxidative stress and apoptosis in mice. Ecotoxicology and Environmental Safety, 2021, 218, 112286.	6.0	23
36	Antifungal and mycotoxin detoxification ability of essential oils: A review. Phytotherapy Research, 2022, 36, 62-72.	5.8	22

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37	Zearalenone Changes the Diversity and Composition of Caecum Microbiota in Weaned Rabbit. BioMed Research International, 2018, 2018, 1-10.	1.9	21
38	Analysis of the miRNA Expression Profiles in the Zearalenone-Exposed TM3 Leydig Cell Line. International Journal of Molecular Sciences, 2019, 20, 635.	4.1	21
39	Transcriptome study reveals apoptosis of porcine kidney cells induced by fumonisin B1 via TNF signalling pathway. Food and Chemical Toxicology, 2020, 139, 111274.	3.6	19
40	The Protective Role of Bacillus velezensis A2 on the Biochemical and Hepatic Toxicity of Zearalenone in Mice. Toxins, 2018, 10, 449.	3.4	18
41	Proanthocyanidins Protect against Î²-Hydroxybutyrate-Induced Oxidative Damage in Bovine Endometrial Cells. Molecules, 2019, 24, 400.	3.8	18
42	Removal of Zearalenone by Strains of Lactobacillus sp. Isolated from Rumen in vitro. Journal of Animal and Veterinary Advances, 2012, 11, 2417-2422.	0.1	17
43	Limitations of Phage Therapy and Corresponding Optimization Strategies: A Review. Molecules, 2022, 27, 1857.	3.8	17
44	Effect of insulin-like growth factor-1 (IGF-1) on the gluconeogenesis in calf hepatocytes cultured in vitro. Molecular and Cellular Biochemistry, 2012, 362, 87-91.	3.1	16
45	Selenium Protects against Zearalenone-Induced Oxidative Stress and Apoptosis in the Mouse Kidney by Inhibiting Endoplasmic Reticulum Stress. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10.	4.0	16
46	Pediococcus pentosaceus xy46 Can Absorb Zearalenone and Alleviate its Toxicity to the Reproductive Systems of Male Mice. Microorganisms, 2019, 7, 266.	3.6	15
47	Bacillus amyloliquefaciens B10 inhibits aflatoxin B1-induced cecal inflammation in mice by regulating their intestinal flora. Food and Chemical Toxicology, 2021, 156, 112438.	3.6	15
48	The Interaction Between Viruses and Intestinal Microbiota: A Review. Current Microbiology, 2021, 78, 3597-3608.	2.2	14
49	Astaxanthin Alleviates Ochratoxin A-Induced Cecum Injury and Inflammation in Mice by Regulating the Diversity of Cecal Microbiota and TLR4/MyD88/NF-ÎºB Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	4.0	14
50	Procyanidins inhibit zearalenone-induced apoptosis and oxidative stress of porcine testis cells through activation of Nrf2 signaling pathway. Food and Chemical Toxicology, 2022, 165, 113061.	3.6	11
51	Proteomic analysis using iTRAQ technology reveals the toxic effects of zearalenone on the leydig cells of rats. Food and Chemical Toxicology, 2020, 141, 111405.	3.6	10
52	Isolation, Purification, and Characterization of a Laccase-Degrading Aflatoxin B1 from Bacillus amyloliquefaciens B10. Toxins, 2022, 14, 250.	3.4	10
53	Bacillus velezensis A2 Inhibited the Cecal Inflammation Induced by Zearalenone by Regulating Intestinal Flora and Short-Chain Fatty Acids. Frontiers in Nutrition, 2022, 9, 806115.	3.7	9
54	MicroRNA regulates the toxicological mechanism of four mycotoxins in vivo and in vitro. Journal of Animal Science and Biotechnology, 2022, 13, 37.	5.3	8

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55	Transcriptome analysis to identify the Ras and Rap1 signal pathway genes involved in the response of TM3 Leydig cells exposed to zearalenone. Environmental Science and Pollution Research, 2018, 25, 31230-31239.	5.3	7
56	Evaluation of the protective effect of the acid-tolerant engineered bacterial strain M. elsdenii H6F32 as a probiotic fed to sheep duringthe lactic acidosis challenge. Indian Journal of Animal Research, 2015, , .	0.1	6
57	Bacillus coagulans TL3 Inhibits LPS-Induced Caecum Damage in Rat by Regulating the TLR4/MyD88/NF-Î²B and Nrf2 Signal Pathways and Modulating Intestinal Microflora. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-20.	4.0	6
58	Effects of non-esterified fatty acids on relative abundance of prostaglandin E2 and F2Î± synthesis-related mRNA transcripts and protein in endometrial cells of cattle in vitro. Animal Reproduction Science, 2020, 221, 106549.	1.5	5
59	Zearalenone promotes apoptosis of mouse Leydig cells by targeting phosphatase and tensin homolog and thus inhibiting the PI3K/AKT signal pathway. Environmental Science and Pollution Research, 2021, 28, 67779-67787.	5.3	5
60	Complete Genome Sequence of Zearalenone Degrading Bacteria Bacillus velezensis A2. Current Microbiology, 2021, 78, 347-350.	2.2	3