

Miao Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1076169/publications.pdf>

Version: 2024-02-01

42
papers

935
citations

394421

19
h-index

501196

28
g-index

42
all docs

42
docs citations

42
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum chloride caused liver dysfunction and mitochondrial energy metabolism disorder in rat. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 55-62.	3.5	62
2	Melatonin alleviates aluminium chloride-induced immunotoxicity by inhibiting oxidative stress and apoptosis associated with the activation of Nrf2 signaling pathway. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 131-141.	6.0	50
3	Lycopene attenuates AFB ₁ -induced renal injury with the activation of the Nrf2 antioxidant signaling pathway in mice. <i>Food and Function</i> , 2018, 9, 6427-6434.	4.6	47
4	Review of the Reproductive Toxicity of T-2 Toxin. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 727-734.	5.2	46
5	The nephrotoxicity of T-2 toxin in mice caused by oxidative stress-mediated apoptosis is related to Nrf2 pathway. <i>Food and Chemical Toxicology</i> , 2021, 149, 112027.	3.6	43
6	Bone impairment caused by AlCl ₃ is associated with activation of the JNK apoptotic pathway mediated by oxidative stress. <i>Food and Chemical Toxicology</i> , 2018, 116, 307-314.	3.6	42
7	T-2 toxin impairs male fertility by disrupting hypothalamic-pituitary-testis axis and declining testicular function in mice. <i>Chemosphere</i> , 2019, 234, 909-916.	8.2	42
8	Hyperforin attenuates aluminum-induced A β ² production and Tau phosphorylation via regulating Akt/GSK-3 β signaling pathway in PC12 cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1-6.	5.6	41
9	Neuroprotective role of hyperforin on aluminum maltolate-induced oxidative damage and apoptosis in PC12 cells and SH-SY5Y cells. <i>Chemico-Biological Interactions</i> , 2019, 299, 15-26.	4.0	41
10	Aflatoxin B1 disrupts blood-testis barrier integrity by reducing junction protein and promoting apoptosis in mice testes. <i>Food and Chemical Toxicology</i> , 2021, 148, 111972.	3.6	35
11	Mitophagy and apoptosis mediated by ROS participate in AlCl ₃ -induced MC3T3-E1 cell dysfunction. <i>Food and Chemical Toxicology</i> , 2021, 155, 112388.	3.6	34
12	Aluminum trichloride-induced hippocampal inflammatory lesions are associated with IL-1 β -activated IL-1 signaling pathway in developing rats. <i>Chemosphere</i> , 2018, 203, 170-178.	8.2	30
13	T-2 toxin causes dysfunction of Sertoli cells by inducing oxidative stress. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112702.	6.0	29
14	Lycopene ameliorates chronic stress-induced hippocampal injury and subsequent learning and memory dysfunction through inhibiting ROS/JNK signaling pathway in rats. <i>Food and Chemical Toxicology</i> , 2020, 145, 111688.	3.6	28
15	Aluminum trichloride induces bone impairment through TGF- β ¹ /Smad signaling pathway. <i>Toxicology</i> , 2016, 371, 49-57.	4.2	25
16	Inhibition of osteoblast differentiation by aluminum trichloride exposure is associated with inhibition of BMP-2/Smad pathway component expression. <i>Food and Chemical Toxicology</i> , 2016, 97, 120-126.	3.6	22
17	Fas- and Mitochondria-Mediated Signaling Pathway Involved in Osteoblast Apoptosis Induced by AlCl ₃ . <i>Biological Trace Element Research</i> , 2018, 184, 173-185.	3.5	22
18	ROS-mediated mitophagy and apoptosis are involved in aluminum-induced femoral impairment in mice. <i>Chemico-Biological Interactions</i> , 2021, 349, 109663.	4.0	22

#	ARTICLE	IF	CITATIONS
19	PINK1/Parkin-Mediated Mitophagy Plays a Protective Role in the Bone Impairment Caused by Aluminum Exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6054-6063.	5.2	21
20	Cytoprotective effect of deferiprone against aluminum chloride-induced oxidative stress and apoptosis in lymphocytes. <i>Toxicology Letters</i> , 2018, 285, 132-138.	0.8	20
21	Autophagy Protects MC3T3-E1 Cells upon Aluminum-Induced Apoptosis. <i>Biological Trace Element Research</i> , 2018, 185, 433-439.	3.5	20
22	Inhibition of bone formation in rats by aluminum exposure via Wnt/ β -catenin pathway. <i>Chemosphere</i> , 2017, 176, 1-7.	8.2	19
23	Aluminum Trichloride Inhibits the Rat Osteoblasts Mineralization In Vitro. <i>Biological Trace Element Research</i> , 2017, 175, 186-193.	3.5	16
24	Aluminum Trichloride Inhibited Osteoblastic Proliferation and Downregulated the Wnt/ β -Catenin Pathway. <i>Biological Trace Element Research</i> , 2017, 177, 323-330.	3.5	16
25	The Protective Effect of Selenium on T-2-Induced Nephrotoxicity Is Related to the Inhibition of ROS-Mediated Apoptosis in Mice Kidney. <i>Biological Trace Element Research</i> , 2022, 200, 206-216.	3.5	16
26	AlCl ₃ induces lymphocyte apoptosis in rats through the mitochondria-caspase dependent pathway. <i>Environmental Toxicology</i> , 2016, 31, 385-394.	4.0	15
27	Ginsenoside Rg3 Attenuates Aluminum-Induced Osteoporosis Through Regulation of Oxidative Stress and Bone Metabolism in Rats. <i>Biological Trace Element Research</i> , 2020, 198, 557-566.	3.5	15
28	PINK1/Parkin-mediated mitophagy is activated to protect against AFB1-induced kidney damage in mice. <i>Chemico-Biological Interactions</i> , 2022, 358, 109884.	4.0	15
29	cAMP/PKA Signaling Pathway Induces Apoptosis by Inhibited NF- κ B in Aluminum Chloride-Treated Lymphocytes In Vitro. <i>Biological Trace Element Research</i> , 2016, 170, 424-431.	3.5	14
30	PINK1/Parkin-mediated mitophagy as a protective mechanism against AFB1-induced liver injury in mice. <i>Food and Chemical Toxicology</i> , 2022, 164, 113043.	3.6	11
31	Protective effect of mitophagy against aluminum-induced MC3T3-E1 cells dysfunction. <i>Chemosphere</i> , 2021, 282, 131086.	8.2	10
32	Dendritic spine loss caused by AlCl ₃ is associated with inhibition of the Rac 1/cofilin signaling pathway. <i>Environmental Pollution</i> , 2018, 243, 1689-1695.	7.5	8
33	Parkin-mediated mitochondrial quality control protects against aluminum-induced liver damage in mice. <i>Food and Chemical Toxicology</i> , 2021, 156, 112485.	3.6	7
34	Ta ₂ O ₅ toxin-induced femur lesion is accompanied by autophagy and apoptosis associated with Wnt/ β -catenin signaling in mice. <i>Environmental Toxicology</i> , 2022, 37, 1653-1661.	4.0	7
35	Activation of PINK1/Parkin-mediated mitophagy protects against apoptosis in kidney damage caused by aluminum. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111765.	3.5	7
36	ROS antagonizes the protection of Parkin-mediated mitophagy against aluminum-induced liver inflammatory injury in mice. <i>Food and Chemical Toxicology</i> , 2022, 165, 113126.	3.6	7

#	ARTICLE	IF	CITATIONS
37	PINK1/Parkin-mediated mitophagy mitigates T-2 toxin-induced nephrotoxicity. <i>Food and Chemical Toxicology</i> , 2022, 164, 113078.	3.6	7
38	Effects of aluminum trichloride on the cartilage stimulatory growth factors in rats. <i>BioMetals</i> , 2017, 30, 143-150.	4.1	6
39	Ginsenoside Rg3 Alleviates Aluminum Chloride-Induced Bone Impairment in Rats by Activating the TGF- β 1/Smad Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12634-12644.	5.2	6
40	PINK1/Parkin-mediated mitophagy is activated to protect against testicular damage caused by aluminum. <i>Journal of Inorganic Biochemistry</i> , 2022, 232, 111840.	3.5	5
41	Aluminum chloride induced splenic lymphocytes apoptosis through NF- κ B inhibition. <i>Chemico-Biological Interactions</i> , 2016, 257, 94-100.	4.0	3
42	Effects of Corticosterone on Immune Functions of Cultured Rat Splenic Lymphocytes Exposed to Aluminum Trichloride. <i>Biological Trace Element Research</i> , 2016, 173, 399-404.	3.5	3