Yanzhu Zhu

List of Publications by Year
in descending order

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42	868	394286	501076
papers	citations	19	28
		h-index	g-index

43	43	43	880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aluminum chloride caused liver dysfunction and mitochondrial energy metabolism disorder in rat. Journal of Inorganic Biochemistry, 2017, 174, 55-62.	1.5	62
2	Effects of Aluminum Exposure on Bone Mineral Density, Mineral, and Trace Elements in Rats. Biological Trace Element Research, 2011, 143, 378-385.	1.9	55
3	Immunotoxicity of aluminum. Chemosphere, 2014, 104, 1-6.	4.2	51
4	Protective Effect of Selenium on Aflatoxin B1-Induced Testicular Toxicity in Mice. Biological Trace Element Research, 2017, 180, 233-238.	1.9	49
5	Effects of aluminum trichloride on the trace elements and cytokines in the spleen of rats. Food and Chemical Toxicology, 2012, 50, 2911-2915.	1.8	41
6	The Protective Role of Resveratrol against Arsenic Trioxide-Induced Cardiotoxicity. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	0.5	39
7	Effects of Aluminum Exposure on Serum Sex Hormones and Androgen Receptor Expression in Male Rats. Biological Trace Element Research, 2011, 144, 1050-1058.	1.9	34
8	Effects of Subchronic Aluminum Exposure on the Reproductive Function in Female Rats. Biological Trace Element Research, 2012, 145, 382-387.	1.9	34
9	Ginsenoside Rb1 alleviates aluminum chloride-induced rat osteoblasts dysfunction. Toxicology, 2016, 368-369, 183-188.	2.0	32
10	Suppressive effects of aluminum trichloride on the T lymphocyte immune function of rats. Food and Chemical Toxicology, 2012, 50, 532-535.	1.8	31
11	Effects of Subchronic Aluminum Exposure on Serum Concentrations of Iron and Iron-Associated Proteins in Rats. Biological Trace Element Research, 2011, 141, 246-253.	1.9	30
12	Effects of Aluminum on Immune Functions of Cultured Splenic T and B Lymphocytes in Rats. Biological Trace Element Research, 2012, 147, 246-250.	1.9	30
13	Aluminum trichloride impairs bone and downregulates Wnt/Î²-catenin signaling pathway in young growing rats. Food and Chemical Toxicology, 2015, 86, 154-162.	1.8	29
14	Dynamic analysis of exposure to aluminum and an acidic condition on bone formation in young growing rats. Environmental Toxicology and Pharmacology, 2011, 31, 295-301.	2.0	28
15	Aluminum trichloride induces bone impairment through TGF-Î²1/Smad signaling pathway. Toxicology, 2016, 371, 49-57.	2.0	25
16	Effects of Subchronic Aluminum Exposure on the Immune Function of Erythrocytes in Rats. Biological Trace Element Research, 2011, 143, 1576-1580.	1.9	23
17	Inhibition of osteoblast differentiation by aluminum trichloride exposure is associated with inhibition of BMP-2/Smad pathway component expression. Food and Chemical Toxicology, 2016, 97, 120-126.	1.8	22
18	Aluminum Chloride Causes the Dysfunction of Testes Through Inhibiting the ATPase Enzyme Activities and Gonadotropin Receptor Expression in Rats. Biological Trace Element Research, 2018, 183, 296-304.	1.9	21

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19	Cytoprotective effect of deferiprone against aluminum chloride-induced oxidative stress and apoptosis in lymphocytes. Toxicology Letters, 2018, 285, 132-138.	0.4	20
20	Inhibition of bone formation in rats by aluminum exposure via Wnt/Î²-catenin pathway. Chemosphere, 2017, 176, 1-7.	4.2	19
21	Suppressive effect of accumulated aluminum trichloride on the hepatic microsomal cytochrome P450 enzyme system in rats. Food and Chemical Toxicology, 2013, 51, 210-214.	1.8	18
22	Effects of Aluminum Exposure on the Adherence, Chemotaxis, and Phagocytosis Capacity of Peritoneal Macrophages in Rats. Biological Trace Element Research, 2011, 144, 1032-1038.	1.9	17
23	Aluminum Trichloride Inhibited Osteoblastic Proliferation and Downregulated the Wnt/Î²-Catenin Pathway. Biological Trace Element Research, 2017, 177, 323-330.	1.9	16
24	Effects of aluminum exposure on the allergic responses and humoral immune function in rats. BioMetals, 2011, 24, 973-977.	1.8	15
25	cAMP/PKA Signaling Pathway Induces Apoptosis by Inhibited NF-Î°B in Aluminum Chloride-Treated Lymphocytes In Vitro. Biological Trace Element Research, 2016, 170, 424-431.	1.9	14
26	The suppressive effects of aluminum chloride on the osteoblasts function. Environmental Toxicology and Pharmacology, 2016, 48, 125-129.	2.0	13
27	The Toxic Effects of Xenobiotics on the Health of Humans and Animals. BioMed Research International, 2017, 2017, 1-2.	0.9	12
28	The role of TGF-Î²1/Smad3 signaling pathway and oxidative stress in the inhibition of osteoblast mineralization by copper chloride. Environmental Toxicology and Pharmacology, 2021, 84, 103613.	2.0	12
29	Effects of Al on the splenic immune function and NE in rats. Food and Chemical Toxicology, 2013, 62, 194-198.	1.8	10
30	Profiling and identification of the metabolites of ginsenoside Ro in rat faeces and urine after oral administration. European Food Research and Technology, 2016, 242, 199-210.	1.6	10
31	Aluminum Chloride- and Norepinephrine-Induced Immunotoxicity on Splenic Lymphocytes by Activating Î²2-AR/cAMP/PKA/NF-Î°B Signal Pathway in Rats. Biological Trace Element Research, 2014, 162, 168-174.	1.9	8
32	Immunomodulatory Effect of Ginsenoside Rb2 Against Cyclophosphamide-Induced Immunosuppression in Mice. Frontiers in Pharmacology, 0, 13, .	1.6	8
33	Effects of aluminum chloride on serum proteins, bilirubin, and hepatic trace elements in chickens. Toxicology and Industrial Health, 2016, 32, 1693-1699.	0.6	7
34	Aluminum Trichloride Disorders Bile Acid Secretion and Induces Hepatocyte Apoptosis in Rats. Cell Biochemistry and Biophysics, 2015, 71, 1569-1577.	0.9	6
35	Effects of aluminum trichloride on the cartilage stimulatory growth factors in rats. BioMetals, 2017, 30, 143-150.	1.8	6
36	NE Strengthens the Immunosuppression Induced by AlCl3 Through Î²2-AR/cAMP Pathway in Cultured Rat Peritoneal Macrophages. Biological Trace Element Research, 2015, 164, 234-241.	1.9	5

#	Article	IF	Citations
37	The biological characteristics of the canine adenovirus type 1 from fox and the transcriptome analysis of the infected MDCK cell. Cell Biology International, 2021, 45, 936-947.	1.4	5
38	Difference Analysis Between Canine Adenovirus Types 1 And 2. Frontiers in Cellular and Infection Microbiology, 2022, 12, 854876.	1.8	5
39	Pathogenicity comparison of the SMPV-11 and attenuated mink enteritis virus F61 in mink. Virus Research, 2021, 294, 198294.	1.1	3
40	Identification of Two Novel Linear Neutralizing Epitopes within the Hexon Protein of Canine Adenovirus Using Monoclonal Antibodies. Vaccines, 2021, 9, 135.	2.1	2
41	Immunogenicity of an Inactivated Canine Adenovirus Type 1 Vaccine for Foxes. Frontiers in Veterinary Science, 2022, 9, 678671.	0.9	1
42	Canine Adenovirus 1 Isolation Bioinformatics Analysis of the Fiber. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	0