

Zhen-Yong Wang

List of Publications by Year in descending order

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31
papers

1,398
citations

361413
20
h-index

434195
31
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31
all docs

31
docs citations

31
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial permeability transition and its regulatory components are implicated in apoptosis of primary cultures of rat proximal tubular cells exposed to lead. <i>Archives of Toxicology</i> , 2016, 90, 1193-1209.	4.2	164
2	Autophagy blockade and lysosomal membrane permeabilization contribute to lead-induced nephrotoxicity in primary rat proximal tubular cells. <i>Cell Death and Disease</i> , 2017, 8, e2863-e2863.	6.3	141
3	Cadmium disrupts autophagic flux by inhibiting cytosolic Ca ²⁺ -dependent autophagosome-lysosome fusion in primary rat proximal tubular cells. <i>Toxicology</i> , 2017, 383, 13-23.	4.2	105
4	Trehalose protects against cadmium-induced cytotoxicity in primary rat proximal tubular cells via inhibiting apoptosis and restoring autophagic flux. <i>Cell Death and Disease</i> , 2017, 8, e3099-e3099.	6.3	101
5	Glyphosate damages blood-testis barrier via NOX1-triggered oxidative stress in rats: Long-term exposure as a potential risk for male reproductive health. <i>Environment International</i> , 2022, 159, 107038.	10.0	88
6	Epigenetic regulator BRD4 is involved in cadmium-induced acute kidney injury via contributing to lysosomal dysfunction, autophagy blockade and oxidative stress. <i>Journal of Hazardous Materials</i> , 2022, 423, 127110.	12.4	77
7	Interplay between autophagy and apoptosis in lead(II)-induced cytotoxicity of primary rat proximal tubular cells. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 184-193.	3.5	74
8	Trehalose suppresses cadmium-activated Nrf2 signaling pathway to protect against spleen injury. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 224-230.	6.0	66
9	Effects of chelated Zn/Cu/Mn on redox status, immune responses and hoof health in lactating Holstein cows. <i>Journal of Veterinary Science</i> , 2015, 16, 439.	1.3	61
10	Quercetin alleviates Cadmium-induced autophagy inhibition via TFEB-dependent lysosomal restoration in primary proximal tubular cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111743.	6.0	52
11	Selenium relieves oxidative stress, inflammation, and apoptosis within spleen of chicken exposed to mercuric chloride. <i>Poultry Science</i> , 2020, 99, 5430-5439.	3.4	49
12	Redistribution of subcellular calcium and its effect on apoptosis in primary cultures of rat proximal tubular cells exposed to lead. <i>Toxicology</i> , 2015, 333, 137-146.	4.2	43
13	Persistent activation of Nrf2 promotes a vicious cycle of oxidative stress and autophagy inhibition in cadmium-induced kidney injury. <i>Toxicology</i> , 2021, 464, 152999.	4.2	41
14	Puerarin protects against cadmium-induced proximal tubular cell apoptosis by restoring mitochondrial function. <i>Chemico-Biological Interactions</i> , 2016, 260, 219-231.	4.0	40
15	Activation of PERK-eIF2 γ -ATF4-CHOP axis triggered by excessive ER stress contributes to lead-induced nephrotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 713-726.	4.1	40
16	Alleviation of cadmium-induced oxidative stress by trehalose via inhibiting the Nrf2-Keap1 signaling pathway in primary rat proximal tubular cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22011.	3.0	37
17	Role of subcellular calcium redistribution in regulating apoptosis and autophagy in cadmium-exposed primary rat proximal tubular cells. <i>Journal of Inorganic Biochemistry</i> , 2016, 164, 99-109.	3.5	36
18	Glyphosate-induced gut microbiota dysbiosis facilitates male reproductive toxicity in rats. <i>Science of the Total Environment</i> , 2022, 805, 150368.	8.0	36

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19	Selenium ameliorates mercuric chloride-induced brain damage through activating BDNF/TrkB/PI3K/AKT and inhibiting NF- κ B signaling pathways. <i>Journal of Inorganic Biochemistry</i> , 2022, 229, 111716.	3.5	30
20	Involvement of Nrf2 and mitochondrial apoptotic signaling in trehalose protection against cadmium-induced kidney injury. <i>Metallomics</i> , 2020, 12, 2098-2107.	2.4	27
21	Alleviation of Lead-Induced Apoptosis by Puerarin via Inhibiting Mitochondrial Permeability Transition Pore Opening in Primary Cultures of Rat Proximal Tubular Cells. <i>Biological Trace Element Research</i> , 2016, 174, 166-176.	3.5	19
22	Selenium Mitigates Cadmium-Induced Adverse Effects on Trace Elements and Amino Acids Profiles in Chicken Pectoral Muscles. <i>Biological Trace Element Research</i> , 2020, 193, 234-240.	3.5	16
23	CaMKII is involved in subcellular Ca ²⁺ redistribution-induced endoplasmic reticulum stress leading to apoptosis in primary cultures of rat proximal tubular cells exposed to lead. <i>Oncotarget</i> , 2017, 8, 91162-91173.	1.8	11
24	Antagonistic effect of selenium on mercuric chloride in the central immune organs of chickens: The role of microRNA-183/FOXO1/TXNIP/NLRP3 inflammasome axis. <i>Environmental Toxicology</i> , 2022, 37, 1047-1057.	4.0	9
25	Enhanced Extracellular Matrix Degradation in Growth Plate Contributes to Manganese Deficiency-Induced Tibial Dyschondroplasia in Broiler Chicks. <i>Biological Trace Element Research</i> , 2022, 200, 3326-3335.	3.5	7
26	Manganese deficiency induces avian tibial dyschondroplasia by inhibiting chondrocyte proliferation and differentiation. <i>Research in Veterinary Science</i> , 2021, 140, 164-170.	1.9	7
27	Supplementation with beta-1,3-glucan improves productivity, immunity and antioxidative status in transition Holstein cows. <i>Research in Veterinary Science</i> , 2021, 134, 120-126.	1.9	7
28	Effects of Inorganic and Organic Manganese Supplementation on Growth Performance, Tibia Development, and Oxidative Stress in Broiler Chickens. <i>Biological Trace Element Research</i> , 2022, 200, 4453-4464.	3.5	5
29	Global transcriptome profiling reveals antagonizing response of head kidney of juvenile common carp exposed to glyphosate. <i>Chemosphere</i> , 2021, 280, 130823.	8.2	4
30	HIF-1 α upregulation exerts the antagonistic effect against angiogenesis inhibition in manganese deficiency-induced tibial dyschondroplasia of broiler chicks. <i>Veterinary Research Communications</i> , 2022, 46, 1023-1032.	1.6	3
31	Effects of beta-1,3-glucan supplementation on concentrations of serum metabolites in transition Holstein cows. <i>Research in Veterinary Science</i> , 2020, 132, 250-256.	1.9	2