Xuezhong Liu

List of Publications by Citations

53 papers	1,058 citations	23 h-index	30 g-index
56 ext. papers	1,342 ext. citations	4.1 avg, IF	4.09 L-index

#	Paper	IF	Citations
53	Zearalenone induces apoptosis and cytoprotective autophagy in primary Leydig cells. *Toxicology Letters*, **2014**, 226, 182-91	4.4	93
52	Effects of zearalenone and its derivatives on the synthesis and secretion of mammalian sex steroid hormones: A review. *Food and Chemical Toxicology*, **2019**, 126, 262-276	4.7	49
51	Calcium-calmodulin signaling elicits mitochondrial dysfunction and the release of cytochrome c during cadmium-induced apoptosis in primary osteoblasts. *Toxicology Letters*, **2014**, 224, 1-6	4.4	46
50	Autophagy and gap junctional intercellular communication inhibition are involved in cadmium-induced apoptosis in rat liver cells. *Biochemical and Biophysical Research Communications*, **2015**, 459, 713-9	3.4	42
49	Zearalenone Promotes Cell Proliferation or Causes Cell Death?. *Toxins*, **2018**, 10,	4.9	42
48	Zearalenone inhibits testosterone biosynthesis in mouse Leydig cells via the crosstalk of estrogen receptor signaling and orphan nuclear receptor Nur77 expression. *Toxicology in Vitro*, **2014**, 28, 647-56	3.6	41
47	Zearalenone altered the cytoskeletal structure via ER stress- autophagy- oxidative stress pathway in mouse TM4 Sertoli cells. *Scientific Reports*, **2018**, 8, 3320	4.9	39
46	Cadmium-induced apoptosis in neuronal cells is mediated by Fas/FasL-mediated mitochondrial apoptotic signaling pathway. *Scientific Reports*, **2018**, 8, 8837	4.9	39
45	Beclin-1-mediated Autophagy Protects Against Cadmium-activated Apoptosis via the Fas/FasL Pathway in Primary Rat Proximal Tubular Cell Culture. *Scientific Reports*, **2017**, 7, 977	4.9	36
44	CaMKII mediates cadmium induced apoptosis in rat primary osteoblasts through MAPK activation and endoplasmic reticulum stress. *Toxicology*, **2018**, 406-407, 70-80	4.4	35
43	Osteoprotegerin inhibit osteoclast differentiation and bone resorption by enhancing autophagy via AMPK/mTOR/p70S6K signaling pathway in vitro. *Journal of Cellular Biochemistry*, **2018**, 120, 1630	4.7	32
42	Cadmium induces apoptosis in primary rat osteoblasts through caspase and mitogen-activated protein kinase pathways. *Journal of Veterinary Science*, **2015**, 16, 297-306	1.6	29
41	Caspase-Dependent and Caspase-Independent Pathways Are Involved in Cadmium-Induced Apoptosis in Primary Rat Proximal Tubular Cell Culture. *PLoS ONE*, **2016**, 11, e0166823	3.7	29
40	The ER stress regulator Bip mediates cadmium-induced autophagy and neuronal senescence. *Scientific Reports*, **2016**, 6, 38091	4.9	29
39	Role of autophagy in cadmium-induced apoptosis of primary rat osteoblasts. *Scientific Reports*, **2016**, 6, 20404	4.9	28
38	ERK1/2 MAPK promotes autophagy to suppress ER stress-mediated apoptosis induced by cadmium in rat proximal tubular cells. *Toxicology in Vitro*, **2018**, 52, 60-69	3.6	28
37	Osteoprotegerin Induces Apoptosis of Osteoclasts and Osteoclast Precursor Cells via the Fas/Fas Ligand Pathway. *PLoS ONE*, **2015**, 10, e0142519	3.7	28

36	Cadmium-induced cytotoxicity in mouse liver cells is associated with the disruption of autophagic flux via inhibiting the fusion of autophagosomes and lysosomes. *Toxicology Letters*, **2020**, 321, 32-43	4.4	28
35	Salidroside Protects against Cadmium-Induced Hepatotoxicity in Rats via GJIC and MAPK Pathways. *PLoS ONE*, **2015**, 10, e0129788	3.7	26
34	The role of mitogen-activated protein kinase in cadmium-induced primary rat cerebral cortical neurons apoptosis via a mitochondrial apoptotic pathway. *Journal of Trace Elements in Medicine and Biology*, **2015**, 29, 275-83	4.1	25
33	Autophagy Plays a Cytoprotective Role During Cadmium-Induced Oxidative Damage in Primary Neuronal Cultures. *Biological Trace Element Research*, **2015**, 168, 481-9	4.5	23
32	Cadmium induced inhibition of autophagy is associated with microtubule disruption and mitochondrial dysfunction in primary rat cerebral cortical neurons. *Neurotoxicology and Teratology*, **2016**, 53, 11-8	3.9	23
31	Treatment of cadmium-induced renal oxidative damage in rats by administration of alpha-lipoic acid. *Environmental Science and Pollution Research*, **2017**, 24, 1832-1844	5.1	23
30	Zearalenone induces apoptosis of rat Sertoli cells through Fas-Fas ligand and mitochondrial pathway. *Environmental Toxicology*, **2019**, 34, 424-433	4.2	23
29	Alpha-lipoic acid protects against cadmium-induced neuronal injury by inhibiting the endoplasmic reticulum stress eIF2ATF4 pathway in rat cortical neurons in vitro and in vivo. *Toxicology*, **2019**, 414, 1-13	4.4	22
28	Inhibition of osteoclast bone resorption activity through osteoprotegerin-induced damage of the sealing zone. *International Journal of Molecular Medicine*, **2014**, 34, 856-62	4.4	18
27	PARP-1 overexpression contributes to Cadmium-induced death in rat proximal tubular cells via parthanatos and the MAPK signalling pathway. *Scientific Reports*, **2017**, 7, 4331	4.9	17
26	Effects of Cadmium and/or Lead on Autophagy and Liver Injury in Rats. *Biological Trace Element Research*, **2020**, 198, 206-215	4.5	15
25	Osteoprotegerin induces podosome disassembly in osteoclasts through calcium, ERK, and p38 MAPK signaling pathways. *Cytokine*, **2015**, 71, 199-206	4	13
24	Osteoprotegerin disrupts peripheral adhesive structures of osteoclasts by modulating Pyk2 and Src activities. *Cell Adhesion and Migration*, **2016**, 10, 299-309	3.2	12
23	Mechanism and effects of Zearalenone on mouse T lymphocytes activation in vitro. *Ecotoxicology and Environmental Safety*, **2018**, 162, 208-217	7	12
22	Gap junction blockage promotes cadmium-induced apoptosis in BRL 3A derived from Buffalo rat liver cells. *Journal of Veterinary Science*, **2016**, 17, 63-70	1.6	11
21	Zearalenone inhibits T cell chemotaxis by inhibiting cell adhesion and migration related proteins. *Ecotoxicology and Environmental Safety*, **2019**, 175, 263-271	7	10
20	Molecular Mechanism of Aflatoxin-Induced Hepatocellular Carcinoma Derived from a Bioinformatics Analysis. *Toxins*, **2020**, 12,	4.9	10
19	ZEA-induced autophagy in TM4 cells was mediated by the release of Ca activates CaMKKAMPK signaling pathway in the endoplasmic reticulum. *Toxicology Letters*, **2020**, 323, 1-9	4.4	10

18	Development and comparison of liquid-liquid extraction and accelerated solvent extraction methods for quantitative analysis of chloramphenicol, thiamphenicol, florfenicol, and florfenicol amine in poultry eggs. *Journal of Mass Spectrometry*, **2019**, 54, 488-494	2.2	8
17	Development of an Accelerated Solvent Extraction Approach for Quantitative Analysis of Chloramphenicol, Thiamphenicol, Florfenicol, and Florfenicol Amine in Poultry Eggs. *Food Analytical Methods*, **2019**, 12, 1705-1714	3.4	7
16	RhoV mediates apoptosis of RAW264.7 macrophages caused by osteoclast differentiation. *Molecular Medicine Reports*, **2015**, 11, 1153-9	2.9	7
15	Osteoprotegerin exposure at different stages of osteoclastogenesis differentially affects osteoclast formation and function. *Cytotechnology*, **2016**, 68, 1325-35	2.2	6
14	Effect of oleic acid on induction of steatosis and cytotoxicity in BRL 3A cells. *Journal of Cellular Biochemistry*, **2019**, 120, 19541-19554	4.7	6
13	Involvement of the mitogen-activated protein kinase signaling pathway in osteoprotegerin-induced inhibition of osteoclast differentiation and maturation. *Molecular Medicine Reports*, **2015**, 12, 6939-45	2.9	6
12	T. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	5
11	Investigation of cadmium-induced apoptosis and the protective effect of N-acetylcysteine in BRL 3A cells. *Molecular Medicine Reports*, **2016**, 14, 373-9	2.9	4
10	Treatment with, Resveratrol, a SIRT1 Activator, Prevents Zearalenone-Induced Lactic Acid Metabolism Disorder in Rat Sertoli Cells. *Molecules*, **2019**, 24,	4.8	4
9	Quercetin and Allicin Can Alleviate the Hepatotoxicity of Lead (Pb) through the PI3K Signaling Pathway. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 9451-9460	5.7	4
8	Vitamin D Inhibition of TRPV5 Expression During Osteoclast Differentiation. *International Journal of Endocrinology and Metabolism*, **2019**, 17, e91583	1.8	3
7	Determination of Piperazine in Eggs Using Accelerated Solvent Extraction (ASE) and Solid Phase Extraction (SPE) with High-Performance Liquid Chromatography Fluorescence Detection (HPLC-FLD) and Pre-Column Derivatization with Dansyl Chloride. *Analytical Letters*, **2020**, 53, 53-71	2.2	3
6	Cadmium Toxicity on Chondrocytes and the Palliative Effects of 1 25-Dihydroxy Vitamin D in White Leghorns Chickens Embryo. *Frontiers in Veterinary Science*, **2021**, 8, 637369	3.1	3
5	Protective Effects of Lipoic Acid and Chlorogenic Acid on Cadmium-Induced Liver Injury in Three-Yellow Chickens. *Animals*, **2021**, 11,	3.1	2
4	Ca transfer via the ER-mitochondria tethering complex in neuronal cells contribute to cadmium-induced autophagy. *Cell Biology and Toxicology*, **2021**, 1	7.4	2
3	Optimization of ASE and SPE conditions for the HPLC-FLD detection of piperazine in chicken tissues and pork. *Chirality*, **2019**, 31, 845-854	2.1	1
2	Cadmium induces endosomal/lysosomal enlargement and blocks autophagy flux in rat hepatocytes by damaging microtubules. *Ecotoxicology and Environmental Safety*, **2021**, 228, 112993	7	1
1	Activated AMPK promoted the decrease of lactate production in rat Sertoli cells exposed to Zearalenone. *Ecotoxicology and Environmental Safety*, **2021**, 220, 112367	7	0