

Zong-Ping Liu

List of Publications by Year in descending order

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134
papers

3,717
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117453

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136
docs citations

136
times ranked

3596
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. Archives of Toxicology, 2016, 90, 1193-1209.	1.9	164
2	Autophagy blockade and lysosomal membrane permeabilization contribute to lead-induced nephrotoxicity in primary rat proximal tubular cells. Cell Death and Disease, 2017, 8, e2863-e2863.	2.7	141
3	Cadmium-Induced Apoptosis in Primary Rat Cerebral Cortical Neurons Culture Is Mediated by a Calcium Signaling Pathway. PLoS ONE, 2013, 8, e64330.	1.1	132
4	Zearalenone induces apoptosis and cytoprotective autophagy in primary Leydig cells. Toxicology Letters, 2014, 226, 182-191.	0.4	128
5	ROS-Mediated Cell Cycle Arrest and Apoptosis Induced by Zearalenone in Mouse Sertoli Cells via ER Stress and the ATP/AMPK Pathway. Toxins, 2018, 10, 24.	1.5	106
6	Cadmium disrupts autophagic flux by inhibiting cytosolic Ca ²⁺ -dependent autophagosome-lysosome fusion in primary rat proximal tubular cells. Toxicology, 2017, 383, 13-23.	2.0	105
7	Oxidative stress and apoptotic changes in primary cultures of rat proximal tubular cells exposed to lead. Archives of Toxicology, 2009, 83, 417-427.	1.9	91
8	Epigenetic regulator BRD4 is involved in cadmium-induced acute kidney injury via contributing to lysosomal dysfunction, autophagy blockade and oxidative stress. Journal of Hazardous Materials, 2022, 423, 127110.	6.5	77
9	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.	1.8	76
10	Cadmium toxicity: A role in bone cell function and teeth development. Science of the Total Environment, 2021, 769, 144646.	3.9	72
11	Zearalenone Promotes Cell Proliferation or Causes Cell Death?. Toxins, 2018, 10, 184.	1.5	65
12	Induction of cytoprotective autophagy in PC-12 cells by cadmium. Biochemical and Biophysical Research Communications, 2013, 438, 186-192.	1.0	64
13	Cadmium-induced apoptosis in neuronal cells is mediated by Fas/FasL-mediated mitochondrial apoptotic signaling pathway. Scientific Reports, 2018, 8, 8837.	1.6	64
14	The Effects of Autophagy and PI3K/AKT/m-TOR Signaling Pathway on the Cell-Cycle Arrest of Rats Primary Sertoli Cells Induced by Zearalenone. Toxins, 2018, 10, 398.	1.5	63
15	Cadmium exposure triggers osteoporosis in duck via P2X7/PI3K/AKT-mediated osteoblast and osteoclast differentiation. Science of the Total Environment, 2021, 750, 141638.	3.9	60
16	Zearalenone altered the cytoskeletal structure via ER stress- autophagy- oxidative stress pathway in mouse TM4 Sertoli cells. Scientific Reports, 2018, 8, 3320.	1.6	58
17	Osteoprotegerin inhibit osteoclast differentiation and bone resorption by enhancing autophagy via AMPK/mTOR/p70S6K signaling pathway in vitro. Journal of Cellular Biochemistry, 2019, 120, 1630-1642.	1.2	58
18	Protective effect of quercetin on rat testes against cadmium toxicity by alleviating oxidative stress and autophagy. Environmental Science and Pollution Research, 2020, 27, 25278-25286.	2.7	58

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19	Calcium-calmodulin signaling elicits mitochondrial dysfunction and the release of cytochrome c during cadmium-induced apoptosis in primary osteoblasts. <i>Toxicology Letters</i> , 2014, 224, 1-6.	0.4	53
20	Zearalenone inhibits testosterone biosynthesis in mouse Leydig cells via the crosstalk of estrogen receptor signaling and orphan nuclear receptor Nur77 expression. <i>Toxicology in Vitro</i> , 2014, 28, 647-656.	1.1	52
21	Autophagy and gap junctional intercellular communication inhibition are involved in cadmium-induced apoptosis in rat liver cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 713-719.	1.0	50
22	CaMK β mediates cadmium induced apoptosis in rat primary osteoblasts through MAPK activation and endoplasmic reticulum stress. <i>Toxicology</i> , 2018, 406-407, 70-80.	2.0	50
23	Cadmium-induced cytotoxicity in mouse liver cells is associated with the disruption of autophagic flux via inhibiting the fusion of autophagosomes and lysosomes. <i>Toxicology Letters</i> , 2020, 321, 32-43.	0.4	48
24	The ER stress regulator Bip mediates cadmium-induced autophagy and neuronal senescence. <i>Scientific Reports</i> , 2016, 6, 38091.	1.6	47
25	Beclin-1-mediated Autophagy Protects Against Cadmium-activated Apoptosis via the Fas/FasL Pathway in Primary Rat Proximal Tubular Cell Culture. <i>Scientific Reports</i> , 2017, 7, 977.	1.6	44
26	Dietary calcium or phosphorus deficiency impairs the bone development by regulating related calcium or phosphorus metabolic utilization parameters of broilers. <i>Poultry Science</i> , 2020, 99, 3207-3214.	1.5	44
27	Cadmium induces apoptosis in primary rat osteoblasts through caspase and mitogen-activated protein kinase pathways. <i>Journal of Veterinary Science</i> , 2015, 16, 297.	0.5	39
28	Cadmium Exposure of Female Mice Impairs the Meiotic Maturation of Oocytes and Subsequent Embryonic Development. <i>Toxicological Sciences</i> , 2018, 164, 289-299.	1.4	39
29	Effect of cadmium on osteoclast differentiation during bone injury in female mice. <i>Environmental Toxicology</i> , 2020, 35, 487-494.	2.1	39
30	Role of autophagy in cadmium-induced apoptosis of primary rat osteoblasts. <i>Scientific Reports</i> , 2016, 6, 20404.	1.6	37
31	ERK1/2 MAPK promotes autophagy to suppress ER stress-mediated apoptosis induced by cadmium in rat proximal tubular cells. <i>Toxicology in Vitro</i> , 2018, 52, 60-69.	1.1	37
32	Zearalenone induces apoptosis of rat Sertoli cells through Fas-Fas ligand and mitochondrial pathway. <i>Environmental Toxicology</i> , 2019, 34, 424-433.	2.1	37
33	Effects of Cadmium and/or Lead on Autophagy and Liver Injury in Rats. <i>Biological Trace Element Research</i> , 2020, 198, 206-215.	1.9	37
34	Caspase-Dependent and Caspase-Independent Pathways Are Involved in Cadmium-Induced Apoptosis in Primary Rat Proximal Tubular Cell Culture. <i>PLoS ONE</i> , 2016, 11, e0166823.	1.1	37
35	Osteoprotegerin Induces Apoptosis of Osteoclasts and Osteoclast Precursor Cells via the Fas/Fas Ligand Pathway. <i>PLoS ONE</i> , 2015, 10, e0142519.	1.1	36
36	Effects of Lead and/or Cadmium on the Expression of Metallothionein in the Kidney of Rats. <i>Biological Trace Element Research</i> , 2009, 129, 190-199.	1.9	35

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37	Cadmium Induces PC12 Cells Apoptosis via an Extracellular Signal-Regulated Kinase and c-Jun N-Terminal Kinase-Mediated Mitochondrial Apoptotic Pathway. <i>Biological Trace Element Research</i> , 2014, 158, 249-258.	1.9	35
38	MiR-7 Mediates the Zearalenone Signaling Pathway Regulating FSH Synthesis and Secretion by Targeting FOS in Female Pigs. <i>Endocrinology</i> , 2018, 159, 2993-3006.	1.4	35
39	Suppression of AMP-activated protein kinase reverses osteoprotegerin-induced inhibition of osteoclast differentiation by reducing autophagy. <i>Cell Proliferation</i> , 2020, 53, e12714.	2.4	35
40	Autophagy Plays a Cytoprotective Role During Cadmium-Induced Oxidative Damage in Primary Neuronal Cultures. <i>Biological Trace Element Research</i> , 2015, 168, 481-489.	1.9	34
41	Alpha-lipoic acid protects against cadmium-induced neuronal injury by inhibiting the endoplasmic reticulum stress eIF2 α -ATF4 pathway in rat cortical neurons in vitro and in vivo. <i>Toxicology</i> , 2019, 414, 1-13.	2.0	34
42	Effects of 1 α ,25-(OH) $_2$ D $_3$ on the formation and activity of osteoclasts in RAW264.7 cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 152, 25-33.	1.2	33
43	Cadmium induced inhibition of autophagy is associated with microtubule disruption and mitochondrial dysfunction in primary rat cerebral cortical neurons. <i>Neurotoxicology and Teratology</i> , 2016, 53, 11-18.	1.2	32
44	The role of mitogen-activated protein kinase in cadmium-induced primary rat cerebral cortical neurons apoptosis via a mitochondrial apoptotic pathway. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 275-283.	1.5	31
45	Treatment of cadmium-induced renal oxidative damage in rats by administration of alpha-lipoic acid. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1832-1844.	2.7	29
46	Cadmium induces mitophagy via AMP-activated protein kinases activation in a PINK1/Parkin-dependent manner in PC12 cells. <i>Cell Proliferation</i> , 2020, 53, e12817.	2.4	29
47	Salidroside Protects against Cadmium-Induced Hepatotoxicity in Rats via GJC and MAPK Pathways. <i>PLoS ONE</i> , 2015, 10, e0129788.	1.1	28
48	Protective effect of naringenin against cadmium-induced testicular toxicity in male SD rats. <i>Journal of Inorganic Biochemistry</i> , 2021, 214, 111310.	1.5	27
49	Cadmium disturbs epigenetic modification and induces DNA damage in mouse preimplantation embryos. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112306.	2.9	26
50	PARP-1 overexpression contributes to Cadmium-induced death in rat proximal tubular cells via parthanatos and the MAPK signalling pathway. <i>Scientific Reports</i> , 2017, 7, 4331.	1.6	25
51	Ferulic acid inhibits LPS-induced apoptosis in bovine mammary epithelial cells by regulating the NF- κ B and Nrf2 signalling pathways to restore mitochondrial dynamics and ROS generation. <i>Veterinary Research</i> , 2021, 52, 104.	1.1	25
52	Inhibition of osteoclast bone resorption activity through osteoprotegerin-induced damage of the sealing zone. <i>International Journal of Molecular Medicine</i> , 2014, 34, 856-862.	1.8	24
53	An endogenous retroviral element exerts an antiviral innate immune function via the derived lncRNA lnc-ALVE1-AS1. <i>Antiviral Research</i> , 2019, 170, 104571.	1.9	24
54	Cadmium induces apoptosis via generating reactive oxygen species to activate mitochondrial p53 pathway in primary rat osteoblasts. <i>Toxicology</i> , 2020, 446, 152611.	2.0	24

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55	Ca ²⁺ /CaM/CaMK signaling is involved in cadmium-induced osteoclast differentiation. <i>Toxicology</i> , 2020, 441, 152520.	2.0	23
56	Zinc alleviates the heat stress of primary cultured hepatocytes of broiler embryos via enhancing the antioxidant ability and attenuating the heat shock responses. <i>Animal Nutrition</i> , 2021, 7, 621-630.	2.1	22
57	Decrease in immune function and the role of mitogen-activated protein kinase (MAPK) overactivation in apoptosis during T lymphocytes activation induced by zearalenone, deoxynivalenol, and their combinations. <i>Chemosphere</i> , 2020, 255, 126999.	4.2	22
58	ZEA-induced autophagy in TM4 cells was mediated by the release of Ca ²⁺ activates CaMKK β -AMPK signaling pathway in the endoplasmic reticulum. <i>Toxicology Letters</i> , 2020, 323, 1-9.	0.4	22
59	Caffeic Acid Prevented LPS-Induced Injury of Primary Bovine Mammary Epithelial Cells through Inhibiting NF- κ B and MAPK Activation. <i>Mediators of Inflammation</i> , 2019, 2019, 1-12.	1.4	21
60	AMP-activated protein kinase (AMPK) regulates autophagy, inflammation and immunity and contributes to osteoclast differentiation and function. <i>abs. Biology of the Cell</i> , 2020, 112, 251-264.	0.7	21
61	Osteoprotegerin influences the bone resorption activity of osteoclasts. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1411-1417.	1.8	20
62	Cadmium-induced autophagy promotes survival of rat cerebral cortical neurons by activating class III phosphoinositide 3-kinase/beclin-1/B-cell lymphoma 2 signaling pathways. <i>Molecular Medicine Reports</i> , 2015, 12, 2912-2918.	1.1	20
63	A multiplex real-time PCR assay for the detection and differentiation of five bovine pinkeye pathogens. <i>Journal of Microbiological Methods</i> , 2019, 160, 87-92.	0.7	20
64	The effect of P2X7 on cadmium-induced osteoporosis in mice. <i>Journal of Hazardous Materials</i> , 2021, 405, 124251.	6.5	20
65	Alpha-lipoic acid protects against cadmium-induced hepatotoxicity via calcium signalling and gap junctional intercellular communication in rat hepatocytes. <i>Journal of Toxicological Sciences</i> , 2015, 40, 469-477.	0.7	19
66	TGF- β 2-activated kinase 1 (TAK1) mediates cadmium-induced autophagy in osteoblasts via the AMPK / mTORC1 / ULK1 pathway. <i>Toxicology</i> , 2020, 442, 152538.	2.0	19
67	Ca ²⁺ transfer via the ER-mitochondria tethering complex in neuronal cells contribute to cadmium-induced autophagy. <i>Cell Biology and Toxicology</i> , 2022, 38, 469-485.	2.4	19
68	Zearalenone inhibits T cell chemotaxis by inhibiting cell adhesion and migration related proteins. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 263-271.	2.9	18
69	Antiosteoclastic bone resorption activity of osteoprotegerin via enhanced AKT/mTOR/ULK1-mediated autophagic pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 3002-3012.	2.0	18
70	Quercetin and Allicin Can Alleviate the Hepatotoxicity of Lead (Pb) through the PI3K Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9451-9460.	2.4	18
71	Characterization of TLR2, NOD2, and related cytokines in mammary glands infected by <i>Staphylococcus aureus</i> in a rat model. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 25.	0.5	17
72	Cadmium exposure induces rat proximal tubular cells injury via p62-dependent Nrf2 nucleus translocation mediated activation of AMPK/AKT/mTOR pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112058.	2.9	17

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73	Zearalenone Exposure Disrupts Bloodâ€™Testis Barrier Integrity through Excessive Ca ²⁺ -Mediated Autophagy. <i>Toxins</i> , 2021, 13, 875.	1.5	17
74	Cadmium-induced autophagy is mediated by oxidative signaling in PC-12 cells and is associated with cytoprotection. <i>Molecular Medicine Reports</i> , 2015, 12, 4448-4454.	1.1	16
75	Osteoprotegerin induces podosome disassembly in osteoclasts through calcium, ERK, and p38 MAPK signaling pathways. <i>Cytokine</i> , 2015, 71, 199-206.	1.4	16
76	Molecular Mechanism of Aflatoxin-Induced Hepatocellular Carcinoma Derived from a Bioinformatics Analysis. <i>Toxins</i> , 2020, 12, 203.	1.5	16
77	Mechanism and effects of Zearalenone on mouse T lymphocytes activation in vitro. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 208-217.	2.9	15
78	How the Innate Immune DNA Sensing cGASâ€™STING Pathway Is Involved in Autophagy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13232.	1.8	15
79	Gap junction blockage promotes cadmium-induced apoptosis in BRL 3A derived from Buffalo rat liver cells. <i>Journal of Veterinary Science</i> , 2016, 17, 63.	0.5	14
80	Osteoprotegerin disrupts peripheral adhesive structures of osteoclasts by modulating Pyk2 and Src activities. <i>Cell Adhesion and Migration</i> , 2016, 10, 299-309.	1.1	14
81	Role of poly (ADP-ribose) polymerase-1 in cadmium-induced cellular DNA damage and cell cycle arrest in rat renal tubular epithelial cell line NRK-52E. <i>Environmental Pollution</i> , 2020, 261, 114149.	3.7	14
82	RhoV mediates apoptosis of RAW264.7 macrophages caused by osteoclast differentiation. <i>Molecular Medicine Reports</i> , 2015, 11, 1153-1159.	1.1	13
83	Puerarin Attenuates Cadmium-Induced Neuronal Injury via Stimulating Cadmium Excretion, Inhibiting Oxidative Stress and Apoptosis. <i>Biomolecules</i> , 2021, 11, 978.	1.8	13
84	Role of endoplasmic reticulum stress in cadmium-induced hepatocyte apoptosis and the protective effect of quercetin. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113772.	2.9	13
85	Inhibitory effects of osteoprotegerin on osteoclast formation and function under serum-free conditions. <i>Journal of Veterinary Science</i> , 2013, 14, 405.	0.5	12
86	Role of mitochondrial dysfunction and PINK1/Parkin-mediated mitophagy in Cd-induced hepatic lipid accumulation in chicken embryos. <i>Life Sciences</i> , 2021, 284, 119906.	2.0	12
87	Puerarin alleviates cadmiumâ€™induced oxidative damage to bone by reducing autophagy in rats. <i>Environmental Toxicology</i> , 2022, 37, 720-729.	2.1	11
88	Influence of osteoprotegerin on differentiation, activation, and apoptosis of Gaoyou duck embryo osteoclasts in vitro. <i>Poultry Science</i> , 2013, 92, 1613-1620.	1.5	10
89	Osteoprotegerin exposure at different stages of osteoclastogenesis differentially affects osteoclast formation and function. <i>Cytotechnology</i> , 2016, 68, 1325-1335.	0.7	10
90	Effect of oleic acid on induction of steatosis and cytotoxicity in BRL 3A cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19541-19554.	1.2	10

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91	Gap Junction Intercellular Communication Negatively Regulates Cadmium-Induced Autophagy and Inhibition of Autophagic Flux in Buffalo Rat Liver 3A Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 596046.	1.6	10
92	The role of DRP1- PINK1-Parkin-mediated mitophagy in early cadmium-induced liver damage. <i>Toxicology</i> , 2022, 466, 153082.	2.0	10
93	Effects of RANKL, osteoprotegerin, calcium and phosphorus on survival and activation of Muscovy duck osteoclasts in vitro. <i>Veterinary Journal</i> , 2009, 181, 321-325.	0.6	9
94	Investigation of cadmium-induced apoptosis and the protective effect of N-acetylcysteine in BRL 3A cells. <i>Molecular Medicine Reports</i> , 2016, 14, 373-379.	1.1	9
95	Cadmium Toxicity on Chondrocytes and the Palliative Effects of 1 α , 25-Dihydroxy Vitamin D3 in White Leghorns Chicken's Embryo. <i>Frontiers in Veterinary Science</i> , 2021, 8, 637369.	0.9	9
96	Induction of mitochondrial apoptosis pathway mediated through caspase-8 and c-Jun N-terminal kinase by cadmium-activated Fas in rat cortical neurons. <i>Metallomics</i> , 2021, 13, .	1.0	9
97	MiR-155 promotes cadmium-induced autophagy in rat hepatocytes by suppressing Rheb expression. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112895.	2.9	9
98	Cadmium induces endosomal/lysosomal enlargement and blocks autophagy flux in rat hepatocytes by damaging microtubules. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112993.	2.9	9
99	P2X7 receptor knockdown suppresses osteoclast differentiation by inhibiting autophagy and Ca ²⁺ /calcineurin signaling. <i>Molecular Medicine Reports</i> , 2022, 25, .	1.1	9
100	Cadmium induces the differentiation of duck embryonic bone marrow cells into osteoclasts in vitro. <i>Veterinary Journal</i> , 2014, 200, 181-185.	0.6	8
101	Involvement of the mitogen-activated protein kinase signaling pathway in osteoprotegerin-induced inhibition of osteoclast differentiation and maturation. <i>Molecular Medicine Reports</i> , 2015, 12, 6939-6945.	1.1	8
102	The effect of P2X7R-mediated Ca ²⁺ signaling in OPG-induced osteoclasts adhesive structure damage. <i>Experimental Cell Research</i> , 2019, 383, 111555.	1.2	8
103	Treatment with, Resveratrol, a SIRT1 Activator, Prevents Zearalenone-Induced Lactic Acid Metabolism Disorder in Rat Sertoli Cells. <i>Molecules</i> , 2019, 24, 2474.	1.7	8
104	Overexpression of c-Fos reverses osteoprotegerin-mediated suppression of osteoclastogenesis by increasing the Beclin1-induced autophagy. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 937-945.	1.6	8
105	The Role of miRNAs in Zearalenone-Promotion of TM3 Cell Proliferation. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1517.	1.2	7
106	p53 positively regulates osteoprotegerin-mediated inhibition of osteoclastogenesis by downregulating TSC2-induced autophagy in vitro. <i>Differentiation</i> , 2020, 114, 58-66.	1.0	7
107	The epigenetic regulator BRD4 is involved in cadmium-triggered inflammatory response in rat kidney. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112620.	2.9	7
108	Effect of cell cycle synchronization on cadmium-induced apoptosis and necrosis in NRK-52E cells. <i>Cell Cycle</i> , 2020, 19, 3386-3397.	1.3	6

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109	Zearalenone and deoxynivalenol inhibited IL-4 receptor-mediated Th2 cell differentiation and aggravated bacterial infection in mice. <i>Toxicology and Applied Pharmacology</i> , 2021, 415, 115441.	1.3	6
110	Puerarin Restores Autophagosome-Lysosome Fusion to Alleviate Cadmium-Induced Autophagy Blockade via Restoring the Expression of Rab7 in Hepatocytes. <i>Frontiers in Pharmacology</i> , 2021, 12, 632825.	1.6	6
111	Protective Effects of α -Lipoic Acid and Chlorogenic Acid on Cadmium-Induced Liver Injury in Three-Yellow Chickens. <i>Animals</i> , 2021, 11, 1606.	1.0	6
112	Zearalenone and deoxynivalenol reduced Th1-mediated cellular immune response after <i>Listeria monocytogenes</i> infection by inhibiting CD4+ T cell activation and differentiation. <i>Environmental Pollution</i> , 2021, 284, 117514.	3.7	6
113	Puerarin restores the autophagic flux to alleviate cadmium-induced endoplasmic reticulum stress in NRK-52E cells. <i>Molecular Medicine Reports</i> , 2020, 22, 2551-2563.	1.1	6
114	Vitamin D Inhibition of TRPV5 Expression During Osteoclast Differentiation. <i>International Journal of Endocrinology and Metabolism</i> , 2019, 17, e91583.	0.3	6
115	Puerarin alleviates cadmium-induced mitochondrial mass decrease by inhibiting PINK1/Parkin and Nix-mediated mitophagy in rat cortical neurons. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113127.	2.9	6
116	Paeonol protects renal tubular cells against cadmium-induced cytotoxicity via alleviating oxidative stress, inhibiting inflammatory responses and restoring autophagy. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111733.	1.5	6
117	ZEA and DON inhibited inflammation after <i>L. monocytogenes</i> infection and induced ribosomal hyperfunction. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113470.	2.9	6
118	1- α ,25-dihydroxyvitamin D3 potentiates avian osteoclast activation by increasing the formation of zipper-like structure via Src/Rac1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 576-583.	1.0	5
119	Activated AMPK promoted the decrease of lactate production in rat Sertoli cells exposed to Zearalenone. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112367.	2.9	5
120	Beclin 1 positively regulates osteoprotegerin-induced inhibition of osteoclastogenesis by increasing autophagy in vitro. <i>Differentiation</i> , 2021, 121, 35-43.	1.0	5
121	1- α ,25-Dihydroxyvitamin D3 inhibits the differentiation and bone resorption by osteoclasts generated from Wistar rat bone marrow-derived macrophages. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1039-1044.	0.8	4
122	Immunosuppressive Effect of Hypodermin C on Complement Component 3 In Vitro. <i>Cell Biochemistry and Biophysics</i> , 2015, 72, 93-98.	0.9	4
123	Effect of cadmium on Rho GTPases signal transduction during osteoclast differentiation. <i>Environmental Toxicology</i> , 2022, 37, 1608-1617.	2.1	3
124	Potential mechanisms of osteoprotegerin-induced damage to osteoclast adhesion structures via P2X7R-mediated MAPK signaling. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	1.8	3
125	Role of calcium-sensing receptor in cadmium-induced apoptosis of rat primary osteoblasts in vitro. <i>Toxicology in Vitro</i> , 2020, 67, 104923.	1.1	2
126	Electrochemically assisted synthesis of poly(3,4-dihydroxyphenylalanine) fluorescent organic nanoparticles for sensing applications. <i>New Journal of Chemistry</i> , 2020, 44, 7823-7831.	1.4	2

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127	The effect of P2X7R- mediated Ca ²⁺ and MAPK signaling in OPG-induced duck embryo osteoclasts differentiation and adhesive structure damage. <i>Life Sciences</i> , 2022, 293, 120337.	2.0	2
128	The Effects of Inorganic Phosphorus Levels on Phosphorus Utilization, Local Bone-Derived Regulators, and BMP/MAPK Pathway in Primary Cultured Osteoblasts of Broiler Chicks. <i>Frontiers in Veterinary Science</i> , 2022, 9, 855405.	0.9	2
129	Galectin-3 Contributes to the Inhibitory Effect of 1 α ,25-(OH) ₂ D ₃ on Osteoclastogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13334.	1.8	2
130	Puerarin prevents cadmium-induced disorder of testicular lactic acid metabolism in rats by activating 5 α -AMP-activated protein kinase (AMPK)/sirtuin 1 (SIRT1) signaling pathway. <i>Environmental Toxicology</i> , 2021, 36, 945-957.	2.1	1
131	The Role of Galectin-3 in 1 α ,25(OH) ₂ D ₃ -Regulated Osteoclast Formation from White Leghorn Chickens In Vitro. <i>Veterinary Sciences</i> , 2021, 8, 234.	0.6	1
132	Dentin Matrix Protein 1 Silencing Inhibits Phosphorus Utilization in Primary Cultured Tibial Osteoblasts of Broiler Chicks. <i>Frontiers in Veterinary Science</i> , 2022, 9, 875140.	0.9	1
133	Role of Nrf2 Nucleus Translocation in Beauvericin-Induced Cell Damage in Rat Hepatocytes. <i>Toxins</i> , 2022, 14, 367.	1.5	1
134	Cover Image, Volume 53, Issue 1. <i>Cell Proliferation</i> , 2020, 53, e12767.	2.4	0