

Zong-Ping Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

2,340
citations

28
h-index

42
g-index

136
ext. papers

3,143
ext. citations

4.7
avg, IF

5.18
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 126 | The effect of P2X7R- mediated Ca and MAPK signaling in OPG-induced duck embryo osteoclasts differentiation and adhesive structure damage.. <i>Life Sciences</i> , 2022 , 293, 120337 | 6.8 | 0 |
| 125 | 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 | 4.2 | 1 |
| 124 | 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 | 12.8 | 12 |
| 123 | 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 | 3.1 | 1 |
| 122 | ZEA and DON inhibited inflammation after L. monocytogenes infection and induced ribosomal hyperfunction.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 236, 113470 | 7 | 0 |
| 121 | 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 | 3.1 | 0 |
| 120 | Role of Nrf2 Nucleus Translocation in Beauvericin-Induced Cell Damage in Rat Hepatocytes. <i>Toxins</i> , 2022 , 14, 367 | 4.9 | |
| 119 | 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> , 2021 , 230, 113127 | 7.27 | 1 |
| 118 | Cadmium induces endosomal/lysosomal enlargement and blocks autophagy flux in rat hepatocytes by damaging microtubules. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 228, 112993 | 7 | 1 |
| 117 | The role of DRP1- PINK1-Parkin-mediated mitophagy in early cadmium-induced liver damage.. <i>Toxicology</i> , 2021 , 466, 153082 | 4.4 | 2 |
| 116 | MiR-155 promotes cadmium-induced autophagy in rat hepatocytes by suppressing Rheb expression. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 227, 112895 | 7 | 1 |
| 115 | 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 | 4.6 | 1 |
| 114 | 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 | 5.6 | 0 |
| 113 | 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 | 7 | 8 |
| 112 | Cadmium toxicity: A role in bone cell function and teeth development. <i>Science of the Total Environment</i> , 2021 , 769, 144646 | 10.2 | 16 |
| 111 | Protective Effects of Lipoic Acid and Chlorogenic Acid on Cadmium-Induced Liver Injury in Three-Yellow Chickens. <i>Animals</i> , 2021 , 11, | 3.1 | 2 |
| 110 | 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, | 4.5 | 2 |

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|-----|---|------|----|
| 109 | Puerarin Attenuates Cadmium-Induced Neuronal Injury via Stimulating Cadmium Excretion, Inhibiting Oxidative Stress and Apoptosis. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 1 |
| 108 | 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 | 3.8 | 6 |
| 107 | Ca transfer via the ER-mitochondria tethering complex in neuronal cells contribute to cadmium-induced autophagy. <i>Cell Biology and Toxicology</i> , 2021 , 1 | 7.4 | 2 |
| 106 | Cadmium exposure triggers osteoporosis in duck via P2X7/PI3K/AKT-mediated osteoblast and osteoclast differentiation. <i>Science of the Total Environment</i> , 2021 , 750, 141638 | 10.2 | 21 |
| 105 | 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 | 5.6 | 2 |
| 104 | Protective effect of naringenin against cadmium-induced testicular toxicity in male SD rats. <i>Journal of Inorganic Biochemistry</i> , 2021 , 214, 111310 | 4.2 | 7 |
| 103 | The effect of P2X7 on cadmium-induced osteoporosis in mice. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124251 | 12.8 | 6 |
| 102 | Puerarin prevents cadmium-induced disorder of testicular lactic acid metabolism in rats by activating 5SAMP-activated protein kinase (AMPK)/sirtuin 1 (SIRT1) signaling pathway. <i>Environmental Toxicology</i> , 2021 , 36, 945-957 | 4.2 | 0 |
| 101 | Cadmium Toxicity on Chondrocytes and the Palliative Effects of 1 α ,25-Dihydroxy Vitamin D in White Leghorns Chicken Embryo. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 637369 | 3.1 | 3 |
| 100 | Cadmium disturbs epigenetic modification and induces DNA damage in mouse preimplantation embryos. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 219, 112306 | 7 | 4 |
| 99 | 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 | 5.7 | 4 |
| 98 | 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 | 9.3 | 1 |
| 97 | Activated AMPK promoted the decrease of lactate production in rat Sertoli cells exposed to Zearalenone. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 220, 112367 | 7 | 0 |
| 96 | 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 | 4.8 | 6 |
| 95 | Beclin 1 positively regulates osteoprotegerin-induced inhibition of osteoclastogenesis by increasing autophagy in vitro. <i>Differentiation</i> , 2021 , 121, 35-43 | 3.5 | 0 |
| 94 | The epigenetic regulator BRD4 is involved in cadmium-triggered inflammatory response in rat kidney. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 224, 112620 | 7 | 2 |
| 93 | 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 | 6.8 | 3 |
| 92 | How the Innate Immune DNA Sensing cGAS-STING Pathway Is Involved in Autophagy.. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 1 |

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|----|--|-----|----|
| 91 | 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 | 7.9 | 17 |
| 90 | Ca/CaM/CaMK signaling is involved in cadmium-induced osteoclast differentiation. <i>Toxicology</i> , 2020 , 441, 152520 | 4.4 | 9 |
| 89 | Role of calcium-sensing receptor in cadmium-induced apoptosis of rat primary osteoblasts in vitro. <i>Toxicology in Vitro</i> , 2020 , 67, 104923 | 3.6 | 1 |
| 88 | p53 positively regulates osteoprotegerin-mediated inhibition of osteoclastogenesis by downregulating TSC2-induced autophagy in vitro. <i>Differentiation</i> , 2020 , 114, 58-66 | 3.5 | 0 |
| 87 | 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 | 9.3 | 9 |
| 86 | Cover Image, Volume 53, Issue 1. <i>Cell Proliferation</i> , 2020 , 53, e12767 | 7.9 | 78 |
| 85 | Effects of Cadmium and/or Lead on Autophagy and Liver Injury in Rats. <i>Biological Trace Element Research</i> , 2020 , 198, 206-215 | 4.5 | 15 |
| 84 | Protective effect of quercetin on rat testes against cadmium toxicity by alleviating oxidative stress and autophagy. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 25278-25286 | 5.1 | 21 |
| 83 | Molecular Mechanism of Aflatoxin-Induced Hepatocellular Carcinoma Derived from a Bioinformatics Analysis. <i>Toxins</i> , 2020 , 12, | 4.9 | 10 |
| 82 | AMP-activated protein kinase (AMPK) regulates autophagy, inflammation and immunity and contributes to osteoclast differentiation and functionabs. <i>Biology of the Cell</i> , 2020 , 112, 251-264 | 3.5 | 10 |
| 81 | 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 | 2.9 | 3 |
| 80 | 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 | 8.4 | 12 |
| 79 | ZEA-induced autophagy in TM4 cells was mediated by the release of Ca activates CaMKK&K signaling pathway in the endoplasmic reticulum. <i>Toxicology Letters</i> , 2020 , 323, 1-9 | 4.4 | 10 |
| 78 | Suppression of AMP-activated protein kinase reverses osteoprotegerin-induced inhibition of osteoclast differentiation by reducing autophagy. <i>Cell Proliferation</i> , 2020 , 53, e12714 | 7.9 | 16 |
| 77 | 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 | 4.4 | 28 |
| 76 | Effect of cadmium on osteoclast differentiation during bone injury in female mice. <i>Environmental Toxicology</i> , 2020 , 35, 487-494 | 4.2 | 18 |
| 75 | Cadmium induces apoptosis via generating reactive oxygen species to activate mitochondrial p53 pathway in primary rat osteoblasts. <i>Toxicology</i> , 2020 , 446, 152611 | 4.4 | 12 |
| 74 | TGF-β-activated kinase 1 (TAK1) mediates cadmium-induced autophagy in osteoblasts via the AMPK / mTORC1 / ULK1 pathway. <i>Toxicology</i> , 2020 , 442, 152538 | 4.4 | 7 |

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|----|--|------|----|
| 73 | Effect of cell cycle synchronization on cadmium-induced apoptosis and necrosis in NRK-52E cells. <i>Cell Cycle</i> , 2020 , 19, 3386-3397 | 4.7 | 1 |
| 72 | 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 | 5.6 | 4 |
| 71 | Antiosteoclastic bone resorption activity of osteoprotegerin via enhanced AKT/mTOR/ULK1-mediated autophagic pathway. <i>Journal of Cellular Physiology</i> , 2020 , 235, 3002-3012 | 7 | 7 |
| 70 | 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 | 3.9 | 22 |
| 69 | Electrochemically assisted synthesis of poly(3,4-dihydroxyphenylalanine) fluorescent organic nanoparticles for sensing applications. <i>New Journal of Chemistry</i> , 2020 , 44, 7823-7831 | 3.6 | 1 |
| 68 | 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, 1897820 | 4.3 | 8 |
| 67 | T. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16, | 4.6 | 5 |
| 66 | Zearalenone inhibits T cell chemotaxis by inhibiting cell adhesion and migration related proteins. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 175, 263-271 | 7 | 10 |
| 65 | Effects of zearalenone and its derivatives on the synthesis and secretion of mammalian sex steroid hormones: A review. <i>Food and Chemical Toxicology</i> , 2019 , 126, 262-276 | 4.7 | 49 |
| 64 | 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 | 2.8 | 9 |
| 63 | An endogenous retroviral element exerts an antiviral innate immune function via the derived lncRNA lnc-ALVE1-AS1. <i>Antiviral Research</i> , 2019 , 170, 104571 | 10.8 | 13 |
| 62 | The effect of P2X7R-mediated Ca signaling in OPG-induced osteoclasts adhesive structure damage. <i>Experimental Cell Research</i> , 2019 , 383, 111555 | 4.2 | 7 |
| 61 | Treatment with, Resveratrol, a SIRT1 Activator, Prevents Zearalenone-Induced Lactic Acid Metabolism Disorder in Rat Sertoli Cells. <i>Molecules</i> , 2019 , 24, | 4.8 | 4 |
| 60 | Effect of oleic acid on induction of steatosis and cytotoxicity in BRL 3A cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 19541-19554 | 4.7 | 6 |
| 59 | Vitamin D Inhibition of TRPV5 Expression During Osteoclast Differentiation. <i>International Journal of Endocrinology and Metabolism</i> , 2019 , 17, e91583 | 1.8 | 3 |
| 58 | Alpha-lipoic acid protects against cadmium-induced neuronal injury by inhibiting the endoplasmic reticulum stress eIF2 β /ATF4 pathway in rat cortical neurons in vitro and in vivo. <i>Toxicology</i> , 2019 , 414, 1-13 | 4.4 | 22 |
| 57 | Zearalenone induces apoptosis of rat Sertoli cells through Fas-Fas ligand and mitochondrial pathway. <i>Environmental Toxicology</i> , 2019 , 34, 424-433 | 4.2 | 23 |
| 56 | Zearalenone altered the cytoskeletal structure via ER stress- autophagy- oxidative stress pathway in mouse TM4 Sertoli cells. <i>Scientific Reports</i> , 2018 , 8, 3320 | 4.9 | 39 |

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|----|---|-----|-----|
| 55 | 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 | 4.8 | 22 |
| 54 | ROS-Mediated Cell Cycle Arrest and Apoptosis Induced by Zearalenone in Mouse Sertoli Cells via ER Stress and the ATP/AMPK Pathway. <i>Toxins</i> , 2018 , 10, | 4.9 | 65 |
| 53 | Zearalenone Promotes Cell Proliferation or Causes Cell Death?. <i>Toxins</i> , 2018 , 10, | 4.9 | 42 |
| 52 | Cadmium Exposure of Female Mice Impairs the Meiotic Maturation of Oocytes and Subsequent Embryonic Development. <i>Toxicological Sciences</i> , 2018 , 164, 289-299 | 4.4 | 24 |
| 51 | Mechanism and effects of Zearalenone on mouse T lymphocytes activation in vitro. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 162, 208-217 | 7 | 12 |
| 50 | 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 | 3.6 | 28 |
| 49 | CaMKII mediates cadmium induced apoptosis in rat primary osteoblasts through MAPK activation and endoplasmic reticulum stress. <i>Toxicology</i> , 2018 , 406-407, 70-80 | 4.4 | 35 |
| 48 | Cadmium-induced apoptosis in neuronal cells is mediated by Fas/FasL-mediated mitochondrial apoptotic signaling pathway. <i>Scientific Reports</i> , 2018 , 8, 8837 | 4.9 | 39 |
| 47 | Osteoprotegerin inhibit osteoclast differentiation and bone resorption by enhancing autophagy via AMPK/mTOR/p70S6K signaling pathway in vitro. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 1630 | 4.7 | 32 |
| 46 | The Effects of Autophagy and PI3K/AKT/m-TOR Signaling Pathway on the Cell-Cycle Arrest of Rats Primary Sertoli Cells Induced by Zearalenone. <i>Toxins</i> , 2018 , 10, | 4.9 | 32 |
| 45 | 1- α ,25-dihydroxyvitamin D 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 | 3.4 | 4 |
| 44 | 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 | 4.9 | 36 |
| 43 | 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 | 9.8 | 102 |
| 42 | Cadmium disrupts autophagic flux by inhibiting cytosolic Ca-dependent autophagosome-lysosome fusion in primary rat proximal tubular cells. <i>Toxicology</i> , 2017 , 383, 13-23 | 4.4 | 81 |
| 41 | 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 | 4.9 | 17 |
| 40 | 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 | 5.1 | 23 |
| 39 | Role of autophagy in cadmium-induced apoptosis of primary rat osteoblasts. <i>Scientific Reports</i> , 2016 , 6, 20404 | 4.9 | 28 |
| 38 | Investigation of cadmium-induced apoptosis and the protective effect of N-acetylcysteine in BRL 3A cells. <i>Molecular Medicine Reports</i> , 2016 , 14, 373-9 | 2.9 | 4 |

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|----|--|-----|-----|
| 37 | Osteoprotegerin exposure at different stages of osteoclastogenesis differentially affects osteoclast formation and function. <i>Cytotechnology</i> , 2016 , 68, 1325-35 | 2.2 | 6 |
| 36 | Osteoprotegerin disrupts peripheral adhesive structures of osteoclasts by modulating Pyk2 and Src activities. <i>Cell Adhesion and Migration</i> , 2016 , 10, 299-309 | 3.2 | 12 |
| 35 | 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, 11-8 | 3.9 | 23 |
| 34 | 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, 1193-209 | 5.8 | 131 |
| 33 | 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 | 3.7 | 29 |
| 32 | Gap junction blockage promotes cadmium-induced apoptosis in BRL 3A derived from Buffalo rat liver cells. <i>Journal of Veterinary Science</i> , 2016 , 17, 63-70 | 1.6 | 11 |
| 31 | The ER stress regulator Bip mediates cadmium-induced autophagy and neuronal senescence. <i>Scientific Reports</i> , 2016 , 6, 38091 | 4.9 | 29 |
| 30 | Immunosuppressive Effect of Hypodermin C on Complement Component 3 In Vitro. <i>Cell Biochemistry and Biophysics</i> , 2015 , 72, 93-8 | 3.2 | 4 |
| 29 | Autophagy Plays a Cytoprotective Role During Cadmium-Induced Oxidative Damage in Primary Neuronal Cultures. <i>Biological Trace Element Research</i> , 2015 , 168, 481-9 | 4.5 | 23 |
| 28 | Effects of 1[25-(OH)2D3 on the formation and activity of osteoclasts in RAW264.7 cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 152, 25-33 | 5.1 | 25 |
| 27 | 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, 713-9 | 3.4 | 42 |
| 26 | Osteoprotegerin induces podosome disassembly in osteoclasts through calcium, ERK, and p38 MAPK signaling pathways. <i>Cytokine</i> , 2015 , 71, 199-206 | 4 | 13 |
| 25 | 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, 275-83 | 4.1 | 25 |
| 24 | 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, 2912-8 | 2.9 | 17 |
| 23 | 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 | 2.9 | 14 |
| 22 | 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, 469-77 | 1.9 | 18 |
| 21 | 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, 6939-45 | 2.9 | 6 |
| 20 | 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 | 2 | 15 |

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|----|---|-----|-----|
| 19 | RhoV mediates apoptosis of RAW264.7 macrophages caused by osteoclast differentiation. <i>Molecular Medicine Reports</i> , 2015 , 11, 1153-9 | 2.9 | 7 |
| 18 | Salidroside Protects against Cadmium-Induced Hepatotoxicity in Rats via GJIC and MAPK Pathways. <i>PLoS ONE</i> , 2015 , 10, e0129788 | 3.7 | 26 |
| 17 | 1 α ,25-Dihydroxyvitamin D 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 | 2.1 | 3 |
| 16 | Cadmium induces apoptosis in primary rat osteoblasts through caspase and mitogen-activated protein kinase pathways. <i>Journal of Veterinary Science</i> , 2015 , 16, 297-306 | 1.6 | 29 |
| 15 | Osteoprotegerin Induces Apoptosis of Osteoclasts and Osteoclast Precursor Cells via the Fas/Fas Ligand Pathway. <i>PLoS ONE</i> , 2015 , 10, e0142519 | 3.7 | 28 |
| 14 | 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, 249-58 | 4.5 | 30 |
| 13 | 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 | 4.4 | 46 |
| 12 | Zearalenone induces apoptosis and cytoprotective autophagy in primary Leydig cells. <i>Toxicology Letters</i> , 2014 , 226, 182-91 | 4.4 | 93 |
| 11 | 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, 647-56 | 3.6 | 41 |
| 10 | Inhibition of osteoclast bone resorption activity through osteoprotegerin-induced damage of the sealing zone. <i>International Journal of Molecular Medicine</i> , 2014 , 34, 856-62 | 4.4 | 18 |
| 9 | Cadmium induces the differentiation of duck embryonic bone marrow cells into osteoclasts in vitro. <i>Veterinary Journal</i> , 2014 , 200, 181-5 | 2.5 | 7 |
| 8 | Induction of cytoprotective autophagy in PC-12 cells by cadmium. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 186-92 | 3.4 | 55 |
| 7 | Influence of osteoprotegerin on differentiation, activation, and apoptosis of Gaoyou duck embryo osteoclasts in vitro. <i>Poultry Science</i> , 2013 , 92, 1613-20 | 3.9 | 9 |
| 6 | Osteoprotegerin influences the bone resorption activity of osteoclasts. <i>International Journal of Molecular Medicine</i> , 2013 , 31, 1411-7 | 4.4 | 19 |
| 5 | Cadmium-induced apoptosis in primary rat cerebral cortical neurons culture is mediated by a calcium signaling pathway. <i>PLoS ONE</i> , 2013 , 8, e64330 | 3.7 | 110 |
| 4 | Inhibitory effects of osteoprotegerin on osteoclast formation and function under serum-free conditions. <i>Journal of Veterinary Science</i> , 2013 , 14, 405-12 | 1.6 | 11 |
| 3 | Effects of RANKL, osteoprotegerin, calcium and phosphorus on survival and activation of Muscovy duck osteoclasts in vitro. <i>Veterinary Journal</i> , 2009 , 181, 321-5 | 2.5 | 9 |
| 2 | Effects of lead and/or cadmium on the expression of metallothionein in the kidney of rats. <i>Biological Trace Element Research</i> , 2009 , 129, 190-9 | 4.5 | 28 |

1 Oxidative stress and apoptotic changes in primary cultures of rat proximal tubular cells exposed to lead. *Archives of Toxicology*, **2009**, 83, 417-27 5.8 74