

Yan Yuan

List of Publications by Year in descending order

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97
papers

2,562
citations

147726

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h-index

233338

45
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100
all docs

100
docs citations

100
times ranked

2801
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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.	3.9	60
5	The effect of P2X7 on cadmium-induced osteoporosis in mice. <i>Journal of Hazardous Materials</i> , 2021, 405, 124251.	6.5	20
6	Puerarin prevents cadmium-induced disorder of testicular lactic acid metabolism in rats by activating 5'-AMP-activated protein kinase (AMPK)/sirtuin 1 (SIRT1) signaling pathway. <i>Environmental Toxicology</i> , 2021, 36, 945-957.	2.1	1
7	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
8	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
9	Alpha-Lipoic Acid Attenuates Cadmium- and Lead-Induced Neurotoxicity by Inhibiting Both Endoplasmic-Reticulum Stress and Activation of Fas/FasL and Mitochondrial Apoptotic Pathways in Rat Cerebral Cortex. <i>Neurotoxicity Research</i> , 2021, 39, 1103-1115.	1.3	3
10	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
11	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
12	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
13	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
14	Puerarin Attenuates Cadmium-Induced Neuronal Injury via Stimulating Cadmium Excretion, Inhibiting Oxidative Stress and Apoptosis. <i>Biomolecules</i> , 2021, 11, 978.	1.8	13
15	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
16	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
17	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
18	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

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19	The Role of Galectin-3 in $1\alpha,25(\text{OH})_2\text{D}_3$ -Regulated Osteoclast Formation from White Leghorn Chickens In Vitro. <i>Veterinary Sciences</i> , 2021, 8, 234.	0.6	1
20	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
21	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
22	Zearalenone Exposure Disrupts Blood-Testis Barrier Integrity through Excessive Ca^{2+} -Mediated Autophagy. <i>Toxins</i> , 2021, 13, 875.	1.5	17
23	Galectin-3 Contributes to the Inhibitory Effect of $1\alpha,25(\text{OH})_2\text{D}_3$ on Osteoclastogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13334.	1.8	2
24	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
25	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
26	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
27	TGF- β -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
28	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
29	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
30	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
31	Ca^{2+} /CaM/CaMK signaling is involved in cadmium-induced osteoclast differentiation. <i>Toxicology</i> , 2020, 441, 152520.	2.0	23
32	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
33	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
34	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
35	Molecular Mechanism of Aflatoxin-Induced Hepatocellular Carcinoma Derived from a Bioinformatics Analysis. <i>Toxins</i> , 2020, 12, 203.	1.5	16
36	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

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37	ZEA-induced autophagy in TM4 cells was mediated by the release of Ca ²⁺ activates CaMKK ^{1/2} -AMPK signaling pathway in the endoplasmic reticulum. <i>Toxicology Letters</i> , 2020, 323, 1-9.	0.4	22
38	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
39	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
40	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
41	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
42	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.	1.8	76
43	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
44	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
45	Vitamin D Inhibition of TRPV5 Expression During Osteoclast Differentiation. <i>International Journal of Endocrinology and Metabolism</i> , 2019, 17, e91583.	0.3	6
46	Zearalenone altered the cytoskeletal structure via ER stress- autophagy- oxidative stress pathway in mouse TM4 Sertoli cells. <i>Scientific Reports</i> , 2018, 8, 3320.	1.6	58
47	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, 398.	1.5	63
48	1 α ,25-dihydroxyvitamin D ₃ 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
49	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, 24.	1.5	106
50	Zearalenone Promotes Cell Proliferation or Causes Cell Death?. <i>Toxins</i> , 2018, 10, 184.	1.5	65
51	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
52	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
53	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
54	CaMK δ 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

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55	Cadmium-induced apoptosis in neuronal cells is mediated by Fas/FasL-mediated mitochondrial apoptotic signaling pathway. <i>Scientific Reports</i> , 2018, 8, 8837.	1.6	64
56	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
57	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
58	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
59	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
60	The ER stress regulator Bip mediates cadmium-induced autophagy and neuronal senescence. <i>Scientific Reports</i> , 2016, 6, 38091.	1.6	47
61	Role of autophagy in cadmium-induced apoptosis of primary rat osteoblasts. <i>Scientific Reports</i> , 2016, 6, 20404.	1.6	37
62	Osteoprotegerin exposure at different stages of osteoclastogenesis differentially affects osteoclast formation and function. <i>Cytotechnology</i> , 2016, 68, 1325-1335.	0.7	10
63	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
64	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
65	Zearalenone impairs the male reproductive system functions via inducing structural and functional alterations of sertoli cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 146-155.	2.0	48
66	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
67	Cadmium Activates Reactive Oxygen Species-dependent AKT/mTOR and Mitochondrial Apoptotic Pathways in Neuronal Cells. <i>Biomedical and Environmental Sciences</i> , 2016, 29, 117-26.	0.2	39
68	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
69	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
70	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
71	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
72	RhoV mediates apoptosis of RAW264.7 macrophages caused by osteoclast differentiation. <i>Molecular Medicine Reports</i> , 2015, 11, 1153-1159.	1.1	13

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73	Involvement of the Ca ²⁺ signaling pathway in osteoprotegerin inhibition of osteoclast differentiation and maturation. <i>Journal of Veterinary Science</i> , 2015, 16, 151.	0.5	7
74	Salidroside Protects against Cadmium-Induced Hepatotoxicity in Rats via GJC and MAPK Pathways. <i>PLoS ONE</i> , 2015, 10, e0129788.	1.1	28
75	1 α ,25-Dihydroxyvitamin D ₃ 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
76	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
77	Salidroside Ameliorates Cd-Induced Calcium Overload and Gap Junction Dysfunction in BRL 3A Rat Liver Cells. <i>Biological Trace Element Research</i> , 2015, 164, 90-98.	1.9	9
78	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
79	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
80	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
81	Osteoprotegerin induces podosome disassembly in osteoclasts through calcium, ERK, and p38 MAPK signaling pathways. <i>Cytokine</i> , 2015, 71, 199-206.	1.4	16
82	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
83	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
84	Regulation of matrix metalloproteinase-9 protein expression by 1 α ,25-(OH) ₂ D ₃ during osteoclast differentiation. <i>Journal of Veterinary Science</i> , 2014, 15, 133.	0.5	19
85	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
86	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
87	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
88	Zearalenone induces apoptosis and cytoprotective autophagy in primary Leydig cells. <i>Toxicology Letters</i> , 2014, 226, 182-191.	0.4	128
89	IPS β 1 plays a dual function to directly induce apoptosis in murine melanoma cells by inactivated Sendai virus. <i>International Journal of Cancer</i> , 2014, 134, 224-234.	2.3	14
90	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

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91	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
92	Induction of cytoprotective autophagy in PC-12 cells by cadmium. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 186-192.	1.0	64
93	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
94	Osteoprotegerin influences the bone resorption activity of osteoclasts. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1411-1417.	1.8	20
95	Cadmium-Induced Apoptosis in Primary Rat Cerebral Cortical Neurons Culture Is Mediated by a Calcium Signaling Pathway. <i>PLoS ONE</i> , 2013, 8, e64330.	1.1	132
96	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
97	Immunoadjuvant effects of Hemagglutinating virus of Japan envelope (HVJ-E) on the inactivated H9 subtype avian influenza virus vaccine. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 116-123.	0.5	7