

Shing-Hwa Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7169616/publications.pdf>

Version: 2024-02-01

270
papers

8,968
citations

38738

50
h-index

79691

73
g-index

275
all docs

275
docs citations

275
times ranked

12555
citing authors

#	ARTICLE	IF	CITATIONS
1	Islet-Like Clusters Derived from Mesenchymal Stem Cells in Wharton's Jelly of the Human Umbilical Cord for Transplantation to Control Type 1 Diabetes. PLoS ONE, 2008, 3, e1451.	2.5	282
2	Heavy metals, islet function and diabetes development. Islets, 2009, 1, 169-176.	1.8	184
3	High Glucose Induces Human Endothelial Cell Apoptosis Through a Phosphoinositide 3-Kinase-Regulated Cyclooxygenase-2 Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 539-545.	2.4	177
4	Arsenic induces pancreatic β -cell apoptosis via the oxidative stress-regulated mitochondria-dependent and endoplasmic reticulum stress-triggered signaling pathways. Toxicology Letters, 2011, 201, 15-26.	0.8	159
5	Arsenic induces apoptosis in myoblasts through a reactive oxygen species-induced endoplasmic reticulum stress and mitochondrial dysfunction pathway. Archives of Toxicology, 2012, 86, 923-933.	4.2	141
6	Endoplasmic Reticulum Stress Implicated in the Development of Renal Fibrosis. Molecular Medicine, 2011, 17, 1295-1305.	4.4	124
7	Protective effects of low-intensity pulsed ultrasound on aluminum-induced cerebral damage in Alzheimer's disease rat model. Scientific Reports, 2015, 5, 9671.	3.3	118
8	Cadmium Induces Apoptosis in Pancreatic β -Cells through a Mitochondria-Dependent Pathway: The Role of Oxidative Stress-Mediated c-Jun N-Terminal Kinase Activation. PLoS ONE, 2013, 8, e54374.	2.5	117
9	Advanced glycation end-products induce skeletal muscle atrophy and dysfunction in diabetic mice via a RAGE-mediated, AMPK-down-regulated, Akt pathway. Journal of Pathology, 2016, 238, 470-482.	4.5	113
10	Reactive Oxygen Species Mediate Cyclic Strain-induced Endothelin-1 Gene Expression via Ras/Raf/extracellular Signal-regulated Kinase Pathway in Endothelial Cells. Journal of Molecular and Cellular Cardiology, 2001, 33, 1805-1814.	1.9	112
11	The Role of Phosphoinositide 3-Kinase/Akt Signaling in Low-Dose Mercury-Induced Mouse Pancreatic β -Cell Dysfunction In Vitro and In Vivo. Diabetes, 2006, 55, 1614-1624.	0.6	108
12	Osteopontin increases migration and MMP-9 up-regulation via α 2 β 1 integrin, FAK, ERK, and NF- κ B-dependent pathway in human chondrosarcoma cells. Journal of Cellular Physiology, 2009, 221, 98-108.	4.1	102
13	Inorganic arsenic causes cell apoptosis in mouse cerebrum through an oxidative stress-regulated signaling pathway. Archives of Toxicology, 2011, 85, 565-575.	4.2	94
14	Involvement of oxidative stress-mediated ERK1/2 and p38 activation regulated mitochondria-dependent apoptotic signals in methylmercury-induced neuronal cell injury. Toxicology Letters, 2011, 204, 71-80.	0.8	93
15	Hyperglycemia Enhances Adipogenic Induction of Lipid Accumulation: Involvement of Extracellular Signal-Regulated Protein Kinase 1/2, Phosphoinositide 3-Kinase/Akt, and Peroxisome Proliferator-Activated Receptor γ 3 Signaling. Endocrinology, 2007, 148, 4267-4275.	2.8	89
16	Methylmercury Induces Pancreatic β -Cell Apoptosis and Dysfunction. Chemical Research in Toxicology, 2006, 19, 1080-1085.	3.3	88
17	Advanced Glycation End Products Induce Peroxisome Proliferator-Activated Receptor γ 3 Down-Regulation-Related Inflammatory Signals in Human Chondrocytes via Toll-Like Receptor-4 and Receptor for Advanced Glycation End Products. PLoS ONE, 2013, 8, e66611.	2.5	82
18	Inorganic mercury causes pancreatic β -cell death via the oxidative stress-induced apoptotic and necrotic pathways. Toxicology and Applied Pharmacology, 2010, 243, 323-331.	2.8	81

#	ARTICLE	IF	CITATIONS
19	Ultrasound Enhances the Expression of Brain-Derived Neurotrophic Factor in Astrocyte Through Activation of TrkB-Akt and Calcium-CaMK Signaling Pathways. <i>Cerebral Cortex</i> , 2017, 27, bhw169.	2.9	74
20	Arsenic Inhibits Myogenic Differentiation and Muscle Regeneration. <i>Environmental Health Perspectives</i> , 2010, 118, 949-956.	6.0	73
21	Salidroside ameliorates sepsis-induced acute lung injury and mortality via downregulating NF- κ B and HMGB1 pathways through the upregulation of SIRT1. <i>Scientific Reports</i> , 2017, 7, 12026.	3.3	73
22	Chitosan Reduces Gluconeogenesis and Increases Glucose Uptake in Skeletal Muscle in Streptozotocin-Induced Diabetic Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5795-5800.	5.2	72
23	Extract of Lotus Leaf (<i>Nelumbo nucifera</i>) and Its Active Constituent Catechin with Insulin Secretagogue Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 1087-1094.	5.2	71
24	Lotus Leaf (<i>Nelumbo nucifera</i>) and its Active Constituents Prevent Inflammatory Responses in Macrophages via JNK/NF- κ B Signaling Pathway. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 869-889.	3.8	70
25	Reactive Oxygen Species Modulate Angiotensin II-Induced β -Myosin Heavy Chain Gene Expression via Ras/Raf/Extracellular Signal-Regulated Kinase Pathway in Neonatal Rat Cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 143-148.	2.1	69
26	Neurotoxicological mechanism of methylmercury induced by low-dose and long-term exposure in mice: Oxidative stress and down-regulated Na ⁺ /K ⁺ -ATPase involved. <i>Toxicology Letters</i> , 2008, 176, 188-197.	0.8	69
27	Quercetin attenuates renal ischemia/reperfusion injury via an activation of AMP-activated protein kinase-regulated autophagy pathway. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1226-1234.	4.2	69
28	Antidiabetic Effects of Pterosin A, a Small-Molecular-Weight Natural Product, on Diabetic Mouse Models. <i>Diabetes</i> , 2013, 62, 628-638.	0.6	68
29	Cancer Risk in HBV Patients With Statin and Metformin Use. <i>Medicine (United States)</i> , 2015, 94, e462.	1.0	68
30	Differential neurotoxic effects of methylmercury and mercuric sulfide in rats. <i>Toxicology Letters</i> , 2007, 169, 109-120.	0.8	67
31	Apoptosis of Cultured Astrocytes Induced by the Copper and Neocuproine Complex through Oxidative Stress and JNK Activation. <i>Toxicological Sciences</i> , 2008, 102, 138-149.	3.1	67
32	Honokiol, a low molecular weight natural product, prevents inflammatory response and cartilage matrix degradation in human osteoarthritis chondrocytes. <i>Journal of Orthopaedic Research</i> , 2014, 32, 573-580.	2.3	67
33	Honokiol Induces Calpain-Mediated Glucose-Regulated Protein-94 Cleavage and Apoptosis in Human Gastric Cancer Cells and Reduces Tumor Growth. <i>PLoS ONE</i> , 2007, 2, e1096.	2.5	66
34	Salubrinal, an eIF2 β dephosphorylation inhibitor, enhances cisplatin-induced oxidative stress and nephrotoxicity in a mouse model. <i>Free Radical Biology and Medicine</i> , 2011, 51, 671-680.	2.9	66
35	Inhibition of NADPH oxidase-related oxidative stress-triggered signaling by honokiol suppresses high glucose-induced human endothelial cell apoptosis. <i>Free Radical Biology and Medicine</i> , 2008, 44, 2043-2050.	2.9	65
36	Induction of sirtuin-1 signaling by resveratrol induces human chondrosarcoma cell apoptosis and exhibits antitumor activity. <i>Scientific Reports</i> , 2017, 7, 3180.	3.3	65

#	ARTICLE	IF	CITATIONS
37	Benzo[a]pyrene Regulates Osteoblast Proliferation through an Estrogen Receptor-Related Cyclooxygenase-2 Pathway. <i>Chemical Research in Toxicology</i> , 2004, 17, 679-684.	3.3	62
38	Honokiol induces cell apoptosis in human chondrosarcoma cells through mitochondrial dysfunction and endoplasmic reticulum stress. <i>Cancer Letters</i> , 2010, 291, 20-30.	7.2	60
39	Chemical chaperon 4-phenylbutyrate protects against the endoplasmic reticulum stress-mediated renal fibrosis <i>in vivo</i> and <i>in vitro</i> . <i>Oncotarget</i> , 2016, 7, 22116-22127.	1.8	59
40	Death signaling pathway induced by pyrrolidine dithiocarbamate-Cu ²⁺ complex in the cultured rat cortical astrocytes. <i>Glia</i> , 2000, 31, 249-261.	4.9	58
41	Neurotoxicological effects of low-dose methylmercury and mercuric chloride in developing offspring mice. <i>Toxicology Letters</i> , 2011, 201, 196-204.	0.8	58
42	Caffeine enhances osteoclast differentiation from bone marrow hematopoietic cells and reduces bone mineral density in growing rats. <i>Journal of Orthopaedic Research</i> , 2011, 29, 954-960.	2.3	57
43	Preventive Effect of Low Intensity Pulsed Ultrasound against Experimental Cerebral Ischemia/Reperfusion Injury via Apoptosis Reduction and Brain-derived Neurotrophic Factor Induction. <i>Scientific Reports</i> , 2018, 8, 5568.	3.3	57
44	Activation of phosphoinositide 3-kinase in response to inflammation and nitric oxide leads to the up-regulation of cyclooxygenase-2 expression and subsequent cell proliferation in mesangial cells. <i>Cellular Signalling</i> , 2005, 17, 975-984.	3.6	56
45	The diabetogenic effects of the combination of humic acid and arsenic: In vitro and in vivo studies. <i>Toxicology Letters</i> , 2007, 172, 91-105.	0.8	56
46	Activation of Phosphoinositide 3-kinase in Response to High Glucose Leads to Regulation of Reactive Oxygen Species-Related Nuclear Factor- κ B Activation and Cyclooxygenase-2 Expression in Mesangial Cells. <i>Molecular Pharmacology</i> , 2004, 66, 187-196.	2.3	55
47	Honokiol, a Neuroprotectant against Mouse Cerebral Ischaemia, Mediated by Preserving Na ⁺ , K ⁺ -ATPase Activity and Mitochondrial Functions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 101, 108-116.	2.5	55
48	Correlation of increased activities of Na ⁺ , K ⁺ -ATPase and Ca ²⁺ -ATPase with the reversal of cisplatin ototoxicity induced by D-methionine in guinea pigs. <i>Hearing Research</i> , 2005, 205, 102-109.	2.0	54
49	Protective Role of AMP-Activated Protein Kinase-Evoked Autophagy on an In Vitro Model of Ischemia/Reperfusion-Induced Renal Tubular Cell Injury. <i>PLoS ONE</i> , 2013, 8, e79814.	2.5	54
50	Genistein induces oestrogen receptor- β gene expression in osteoblasts through the activation of mitogen-activated protein kinases/NF- κ B/activator protein-1 and promotes cell mineralisation. <i>British Journal of Nutrition</i> , 2014, 111, 55-63.	2.3	54
51	PPAR β is involved in the hyperglycemia-induced inflammatory responses and collagen degradation in human chondrocytes and diabetic mouse cartilages. <i>Journal of Orthopaedic Research</i> , 2015, 33, 373-381.	2.3	53
52	Protection of Dexmedetomidine Against Ischemia/Reperfusion-Induced Apoptotic Insults to Neuronal Cells Occurs Via an Intrinsic Mitochondria-Dependent Pathway. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2635-2644.	2.6	53
53	Arsenic and diabetes: Current perspectives. <i>Kaohsiung Journal of Medical Sciences</i> , 2011, 27, 402-410.	1.9	52
54	Arsenic Exposure and Glucose Intolerance/Insulin Resistance in Estrogen-Deficient Female Mice. <i>Environmental Health Perspectives</i> , 2015, 123, 1138-1144.	6.0	52

#	ARTICLE	IF	CITATIONS
55	EGb 761 (Ginkgo biloba) protects cochlear hair cells against ototoxicity induced by gentamicin via reducing reactive oxygen species and nitric oxide-related apoptosis. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 886-894.	4.2	51
56	Honokiol confers immunogenicity by dictating calreticulin exposure, activating ER stress and inhibiting epithelial-to-mesenchymal transition. <i>Molecular Oncology</i> , 2015, 9, 834-849.	4.6	51
57	Effects of tebuconazole on cytochrome P450 enzymes, oxidative stress, and endocrine disruption in male rats. <i>Environmental Toxicology</i> , 2018, 33, 899-907.	4.0	51
58	Effect of ultrasound contrast agent dose on the duration of focused-ultrasound-induced blood-brain barrier disruption. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 3344-3349.	1.1	50
59	Advanced glycation end-products induced VEGF production and inflammatory responses in human synoviocytes via RAGE-NF- κ B pathway activation. <i>Journal of Orthopaedic Research</i> , 2016, 34, 791-800.	2.3	50
60	Neurotoxicological effects of cinnabar (a Chinese mineral medicine, HgS) in mice. <i>Toxicology and Applied Pharmacology</i> , 2007, 224, 192-201.	2.8	49
61	Honokiol ameliorates renal fibrosis by inhibiting extracellular matrix and pro-inflammatory factors in vivo and in vitro. <i>British Journal of Pharmacology</i> , 2011, 163, 586-597.	5.4	49
62	Honokiol rescues sepsis-associated acute lung injury and lethality via the inhibition of oxidative stress and inflammation. <i>Intensive Care Medicine</i> , 2011, 37, 533-541.	8.2	49
63	Resveratrol Attenuates High-Fat Diet-Induced Disruption of the Blood-Brain Barrier and Protects Brain Neurons from Apoptotic Insults. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3466-3475.	5.2	49
64	Brown Seaweed Fucoïdan Inhibits Cancer Progression by Dual Regulation of mir-29c/ADAM12 and miR-17-5p/PTEN Axes in Human Breast Cancer Cells. <i>Journal of Cancer</i> , 2016, 7, 2408-2419.	2.5	49
65	Cantharidin Induced Oral Squamous Cell Carcinoma Cell Apoptosis via the JNK-Regulated Mitochondria and Endoplasmic Reticulum Stress-Related Signaling Pathways. <i>PLoS ONE</i> , 2016, 11, e0168095.	2.5	49
66	Plasticizer Di-(2-Ethylhexyl)Phthalate Induces Epithelial-to-Mesenchymal Transition and Renal Fibrosis In Vitro and In Vivo. <i>Toxicological Sciences</i> , 2018, 164, 363-374.	3.1	49
67	Methylmercury exposure induces ROS/Akt inactivation-triggered endoplasmic reticulum stress-regulated neuronal cell apoptosis. <i>Toxicology</i> , 2019, 425, 152245.	4.2	48
68	Novel regimen through combination of memantine and tea polyphenol for neuroprotection against brain excitotoxicity. <i>Journal of Neuroscience Research</i> , 2008, 86, 2696-2704.	2.9	47
69	Supplementation of Chitosan Alleviates High-Fat Diet-Enhanced Lipogenesis in Rats via Adenosine Monophosphate (AMP)-Activated Protein Kinase Activation and Inhibition of Lipogenesis-Associated Genes. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2979-2988.	5.2	47
70	The antifibrotic and anti-inflammatory effects of icariin on the kidney in a unilateral ureteral obstruction mouse model. <i>Phytomedicine</i> , 2019, 59, 152917.	5.3	47
71	IL-13 downregulates PPAR- γ /heme oxygenase-1 via ER stress-stimulated calpain activation: aggravation of activated microglia death. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1465-1476.	5.4	46
72	Chitosan nanofiber scaffold improves bone healing via stimulating trabecular bone production due to upregulation of the Runx2/osteocalcin/alkaline phosphatase signaling pathway. <i>International Journal of Nanomedicine</i> , 2015, 10, 5941.	6.7	45

#	ARTICLE	IF	CITATIONS
73	Advanced Glycation End-Products Induce Apoptosis in Pancreatic Islet Endothelial Cells via NF- κ B-Activated Cyclooxygenase-2/Prostaglandin E2 Up-Regulation. PLoS ONE, 2015, 10, e0124418.	2.5	45
74	CCAAT-Enhancer-Binding Protein Homologous Protein Deficiency Attenuates Oxidative Stress and Renal Ischemia-Reperfusion Injury. Antioxidants and Redox Signaling, 2015, 23, 1233-1245.	5.4	45
75	Involvement of Endoplasmic Reticulum Stress, Autophagy and Apoptosis in Advanced Glycation End Products-Induced Glomerular Mesangial Cell Injury. Scientific Reports, 2016, 6, 34167.	3.3	45
76	Calpain/SHP-1 Interaction by Honokiol Dampening Peritoneal Dissemination of Gastric Cancer in nu/nu Mice. PLoS ONE, 2012, 7, e43711.	2.5	45
77	Titanium Nanoparticle Inhalation Induces Renal Fibrosis in Mice via an Oxidative Stress Upregulated Transforming Growth Factor- β 2 Pathway. Chemical Research in Toxicology, 2015, 28, 354-364.	3.3	44
78	β -Lapachone Reduces Endotoxin-induced Macrophage Activation and Lung Edema and Mortality. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 85-91.	5.6	43
79	C/EBP Homologous Protein (CHOP) Deficiency Aggravates Hippocampal Cell Apoptosis and Impairs Memory Performance. PLoS ONE, 2012, 7, e40801.	2.5	43
80	Honokiol inhibits gastric tumorigenesis by activation of 15-lipoxygenase-1 and consequent inhibition of peroxisome proliferator-activated receptor- α 3 and COX-2 dependent signals. British Journal of Pharmacology, 2010, 160, 1963-1972.	5.4	42
81	Interleukin-18 is a strong predictor of hospitalization in haemodialysis patients. Nephrology Dialysis Transplantation, 2004, 19, 2810-2815.	0.7	40
82	Green Tea Catechin Prevents Hypoxia/Reperfusion-Evoked Oxidative Stress-Regulated Autophagy-Activated Apoptosis and Cell Death in Microglial Cells. Journal of Agricultural and Food Chemistry, 2016, 64, 4078-4085.	5.2	40
83	Biocompatible and multifunctional gold nanorods for effective photothermal therapy of oral squamous cell carcinoma. Journal of Materials Chemistry B, 2019, 7, 4451-4460.	5.8	39
84	Motorcycle Exhaust Particulates Enhance Vasoconstriction in Organ Culture of Rat Aortas and Involve Reactive Oxygen Species. Toxicological Sciences, 2003, 75, 66-73.	3.1	37
85	Influenza Vaccination Reduces Dementia Risk in Chronic Kidney Disease Patients. Medicine (United Tj ETQq1 1 0.784314 rgBT /Overl 1.0	1.0	37
86	Aryl Hydrocarbon Receptor Deficiency Attenuates Oxidative Stress-Related Mesangial Cell Activation and Macrophage Infiltration and Extracellular Matrix Accumulation in Diabetic Nephropathy. Antioxidants and Redox Signaling, 2016, 24, 217-231.	5.4	37
87	Improved effects of honokiol on temozolomide-induced autophagy and apoptosis of drug-sensitive and -tolerant glioma cells. BMC Cancer, 2018, 18, 379.	2.6	37
88	Down-Regulation of Glucose-Regulated Protein (GRP) 78 Potentiates Cytotoxic Effect of Celecoxib in Human Urothelial Carcinoma Cells. PLoS ONE, 2012, 7, e33615.	2.5	37
89	Effects of Arsenic on Osteoblast Differentiation <i>in Vitro</i> and on Bone Mineral Density and Microstructure in Rats. Environmental Health Perspectives, 2014, 122, 559-565.	6.0	36
90	Cantharidin Induces Apoptosis Through the Calcium/PKC-Regulated Endoplasmic Reticulum Stress Pathway in Human Bladder Cancer Cells. The American Journal of Chinese Medicine, 2015, 43, 581-600.	3.8	36

#	ARTICLE	IF	CITATIONS
91	Preventing muscle wasting by osteoporosis drug alendronate <i>in vitro</i> and in myopathy models via sirtuin β down β regulation. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 585-602.	7.3	36
92	Preclinical effects of honokiol on treating glioblastoma multiforme via G1 phase arrest and cell apoptosis. <i>Phytomedicine</i> , 2016, 23, 517-527.	5.3	35
93	The regulatory effects of fish oil and chitosan on hepatic lipogenic signals in high-fat diet-induced obese rats. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 919-930.	1.9	35
94	Plasticizer di(2 β ethylhexyl)phthalate interferes with osteoblastogenesis and adipogenesis in a mouse model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1124-1134.	2.3	35
95	Endurance treadmill running training benefits the biomaterial quality of bone in growing male Wistar rats. <i>Journal of Bone and Mineral Metabolism</i> , 2008, 26, 350-357.	2.7	34
96	Oxidative stress and c-Jun-amino-terminal kinase activation involved in apoptosis of primary astrocytes induced by disulfiram β Cu $^{2+}$ complex. <i>European Journal of Pharmacology</i> , 2001, 414, 177-188.	3.5	32
97	Ototoxicity induced by cinnabar (a naturally occurring HgS) in mice through oxidative stress and down-regulated Na $^{+}$ /K $^{+}$ -ATPase activities. <i>NeuroToxicology</i> , 2008, 29, 386-396.	3.0	32
98	Omega-3 Fatty Acids-Enriched Fish Oil Activates AMPK/PGC-1 β Signaling and Prevents Obesity-Related Skeletal Muscle Wasting. <i>Marine Drugs</i> , 2019, 17, 380.	4.6	32
99	The novel Aryl hydrocarbon receptor inhibitor biseugenol inhibits gastric tumor growth and peritoneal dissemination. <i>Oncotarget</i> , 2014, 5, 7788-7804.	1.8	32
100	EGb761 inhibits inflammatory responses in human chondrocytes and shows chondroprotection in osteoarthritic rat knee. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1032-1038.	2.3	31
101	Low-dose tributyltin exposure induces an oxidative stress-triggered JNK-related pancreatic β -cell apoptosis and a reversible hypoinsulinemic hyperglycemia in mice. <i>Scientific Reports</i> , 2018, 8, 5734.	3.3	31
102	Protection from Noise-Induced Temporary Threshold Shift by d-Methionine is Associated with Preservation of ATPase Activities. <i>Ear and Hearing</i> , 2008, 29, 65-75.	2.1	31
103	Mite Allergen Der-p2 Triggers Human B Lymphocyte Activation and Toll-Like Receptor-4 Induction. <i>PLoS ONE</i> , 2011, 6, e23249.	2.5	31
104	Neurotoxic Mechanism of Cinnabar and Mercuric Sulfide on the Vestibulo-Ocular Reflex System of Guinea Pigs. <i>Toxicological Sciences</i> , 2002, 67, 256-263.	3.1	30
105	Long-Term Feeding of Chitosan Ameliorates Glucose and Lipid Metabolism in a High-Fructose-Diet-Impaired Rat Model of Glucose Tolerance. <i>Marine Drugs</i> , 2015, 13, 7302-7313.	4.6	30
106	Tributyltin exposure at noncytotoxic doses dysregulates pancreatic β -cell function <i>in vitro</i> and <i>in vivo</i> . <i>Archives of Toxicology</i> , 2017, 91, 3135-3144.	4.2	30
107	Functional Comparison for Lipid Metabolism and Intestinal and Fecal Microflora Enzyme Activities between Low Molecular Weight Chitosan and Chitosan Oligosaccharide in High-Fat-Diet-Fed Rats. <i>Marine Drugs</i> , 2017, 15, 234.	4.6	30
108	Cadmium exposure induces pancreatic β -cell death via a Ca $^{2+}$ -triggered JNK/CHOP-related apoptotic signaling pathway. <i>Toxicology</i> , 2019, 425, 152252.	4.2	30

#	ARTICLE	IF	CITATIONS
109	d-Methionine attenuated cisplatin-induced vestibulotoxicity through altering ATPase activities and oxidative stress in guinea pigs. <i>Toxicology and Applied Pharmacology</i> , 2006, 215, 228-236.	2.8	29
110	<i>Drynaria fortunei</i> J. Sm. improves the bone mass of ovariectomized rats through osteocalcin-involved endochondral ossification. <i>Journal of Ethnopharmacology</i> , 2014, 158, 94-101.	4.1	29
111	Afatinib and its encapsulated polymeric micelles inhibits HER2-overexpressed colorectal tumor cell growth <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2014, 5, 4868-4880.	1.8	29
112	Plasma Interleukin-18 Levels in Chronic Renal Failure and Continuous Ambulatory Peritoneal Dialysis. <i>Blood Purification</i> , 2005, 23, 144-148.	1.8	28
113	Involvement of activating transcription factors JNK, NF- κ B, and AP-1 in apoptosis induced by pyrrolidine dithiocarbamate/Cu complex. <i>European Journal of Pharmacology</i> , 2008, 594, 9-17.	3.5	28
114	A Novel Human Stem Cell Coculture System that Maintains the Survival and Function of Culture Islet-Like Cell Clusters. <i>Cell Transplantation</i> , 2008, 17, 657-664.	2.5	27
115	Evidence for Improved Neuropharmacological Efficacy and Decreased Neurotoxicity in Mice with Traditional Processing of <i>Rhizoma Arisaematis</i> . <i>The American Journal of Chinese Medicine</i> , 2011, 39, 981-998.	3.8	27
116	Dementia Risk in Irradiated Patients With Head and Neck Cancer. <i>Medicine (United States)</i> , 2015, 94, e1983.	1.0	27
117	Fish Oil Supplementation Alleviates the Altered Lipid Homeostasis in Blood, Liver, and Adipose Tissues in High-Fat Diet-Fed Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4118-4128.	5.2	27
118	MLN4924, a Protein Neddylation Inhibitor, Suppresses the Growth of Human Chondrosarcoma through Inhibiting Cell Proliferation and Inducing Endoplasmic Reticulum Stress-Related Apoptosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 72.	4.1	27
119	Comparative Effects and Mechanisms of Chitosan and Its Derivatives on Hypercholesterolemia in High-Fat Diet-Fed Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 92.	4.1	27
120	C/EBP homologous protein (CHOP) deficiency ameliorates renal fibrosis in unilateral ureteral obstructive kidney disease. <i>Oncotarget</i> , 2016, 7, 21900-21912.	1.8	27
121	Distinct genotoxicity of phenylmercury acetate in human lymphocytes as compared with other mercury compounds. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 392, 269-276.	1.7	26
122	Potential of noise-induced hearing loss by amikacin in guinea pigs. <i>Hearing Research</i> , 2001, 161, 72-80.	2.0	26
123	Tissue Distribution of Different Mercurial Compounds Analyzed by the Improved FI-CVAAS. <i>Journal of Analytical Toxicology</i> , 2002, 26, 286-295.	2.8	26
124	Honokiol Attenuates the Severity of Acute Pancreatitis and Associated Lung Injury via Acceleration of Acinar Cell Apoptosis. <i>Shock</i> , 2012, 37, 478-484.	2.1	26
125	Honokiol Attenuates Torsion/Detorsion-induced Testicular Injury in Rat Testis by Way of Suppressing Endoplasmic Reticulum Stress-related Apoptosis. <i>Urology</i> , 2012, 79, 967.e5-967.e11.	1.0	26
126	Involvement of Interleukin-6-Regulated Nitric Oxide Synthase in Hemorrhagic Cystitis and Impaired Bladder Contractions in Young Rats Induced by Acrolein, a Urinary Metabolite of Cyclophosphamide. <i>Toxicological Sciences</i> , 2013, 131, 302-310.	3.1	26

#	ARTICLE	IF	CITATIONS
127	TPL2 (Therapeutic Targeting Tumor Progression Locus-2)/ATF4 (Activating Transcription Factor-4)/SDF1 β (Chemokine Stromal Cell-Derived Factor-1 β) Axis Suppresses Diabetic Retinopathy. <i>Circulation Research</i> , 2017, 121, e37-e52.	4.5	26
128	Functional Comparison of High and Low Molecular Weight Chitosan on Lipid Metabolism and Signals in High-Fat Diet-Fed Rats. <i>Marine Drugs</i> , 2018, 16, 251.	4.6	26
129	The Anti-Obesity Effect of Polysaccharide-Rich Red Algae (<i>Gelidium amansii</i>) Hot-Water Extracts in High-Fat Diet-Induced Obese Hamsters. <i>Marine Drugs</i> , 2019, 17, 532.	4.6	26
130	Comparison of outcome and cost among open, laparoscopic, and robotic surgical treatments for rectal cancer: A propensity score matched analysis of nationwide inpatient sample data. <i>Journal of Surgical Oncology</i> , 2018, 117, 497-505.	1.7	25
131	Arsenic induces human chondrocyte senescence and accelerates rat articular cartilage aging. <i>Archives of Toxicology</i> , 2020, 94, 89-101.	4.2	25
132	ATP synthase subunit- β down-regulation aggravates diabetic nephropathy. <i>Scientific Reports</i> , 2015, 5, 14561.	3.3	24
133	Oxidative stress-induced apoptotic insults to rat osteoblasts are attenuated by nitric oxide pretreatment via GATA-5-involved regulation of Bcl-X L gene expression and protein translocation. <i>Archives of Toxicology</i> , 2016, 90, 905-916.	4.2	24
134	Cobalt chloride treatment induces autophagic apoptosis in human glioma cells via a p53-dependent pathway. <i>International Journal of Oncology</i> , 2017, 50, 964-974.	3.3	24
135	Autophagy induction promotes aristolochic acid-I-induced renal injury in vivo and in vitro. <i>Toxicology</i> , 2013, 312, 63-73.	4.2	23
136	Advanced glycation end product N ^{β} -carboxymethyllysine induces endothelial cell injury: the involvement of SHP-1-regulated VEGFR-2 dephosphorylation. <i>Journal of Pathology</i> , 2013, 230, 215-227.	4.5	23
137	Acute oral toxicity and repeated dose 28-day oral toxicity studies of MIL-101 nanoparticles. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 107, 104426.	2.7	23
138	Genistein Improves Bone Healing via Triggering Estrogen Receptor Alpha-Mediated Expressions of Osteogenesis-Associated Genes and Consequent Maturation of Osteoblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10639-10650.	5.2	23
139	Controllable permeability of blood-brain barrier and reduced brain injury through low-intensity pulsed ultrasound stimulation. <i>Oncotarget</i> , 2015, 6, 42290-42299.	1.8	23
140	The pathological role of advanced glycation end products-downregulated heat shock protein 60 in islet β -cell hypertrophy and dysfunction. <i>Oncotarget</i> , 2016, 7, 23072-23087.	1.8	23
141	Inhibition of inducible nitric oxide synthase by β -lapachone in rat alveolar macrophages and aorta. <i>British Journal of Pharmacology</i> , 1999, 126, 746-750.	5.4	22
142	Effects of gentamicin and pH on [Ca ²⁺] _i in apical and basal outer hair cells from guinea pigs. <i>Hearing Research</i> , 2001, 154, 81-87.	2.0	22
143	Enhancing effects of morphine on methamphetamine-induced reinforcing behavior and its association with dopamine release and metabolism in mice. <i>Journal of Neurochemistry</i> , 2009, 109, 382-392.	3.9	22
144	Statins improve outcomes of nonsurgical curative treatments in hepatocellular carcinoma patients. <i>Medicine (United States)</i> , 2016, 95, e4639.	1.0	22

#	ARTICLE	IF	CITATIONS
145	Honokiol enhances temozolomide-induced apoptotic insults to malignant glioma cells via an intrinsic mitochondrion-dependent pathway. <i>Phytomedicine</i> , 2018, 49, 41-51.	5.3	22
146	Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 165-176.	7.3	22
147	Toxic Effects of Potassium Bromate and Thioglycolate on Vestibuloocular Reflex Systems of Guinea Pigs and Humans. <i>Toxicology and Applied Pharmacology</i> , 2001, 177, 103-111.	2.8	21
148	Upregulation of Cyclooxygenase-2 by Motorcycle Exhaust Particulate-Induced Reactive Oxygen Species Enhances Rat Vascular Smooth Muscle Cell Proliferation. <i>Chemical Research in Toxicology</i> , 2007, 20, 1170-1176.	3.3	21
149	A novel inner ear monitoring system for evaluating ototoxicity of gentamicin eardrops in guinea pigs. <i>Laryngoscope</i> , 2010, 120, 1220-1226.	2.0	21
150	Evaluation of guinea pig model for ocular and cervical vestibular-evoked myogenic potentials for vestibular function test. <i>Laryngoscope</i> , 2010, 120, 1910-1917.	2.0	21
151	Exposure of Macrophages to Low-Dose Gadolinium-Based Contrast Medium: Impact on Oxidative Stress and Cytokines Production. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	21
152	Methamphetamine-elicited alterations of dopamine- and serotonin-metabolite levels within μ -opioid receptor knockout mice: a microdialysis study. <i>Journal of Biomedical Science</i> , 2008, 15, 391-403.	7.0	20
153	Effects of Long-Term Feeding of Chitosan on Postprandial Lipid Responses and Lipid Metabolism in a High-Sucrose-Diet-Impaired Glucose-Tolerant Rat Model. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4306-4313.	5.2	20
154	Roles of ERK/Akt signals in mitochondria-dependent and endoplasmic reticulum stress-triggered neuronal cell apoptosis induced by 4-methyl-2,4-bis(4-hydroxyphenyl)pent-1-ene, a major active metabolite of bisphenol A. <i>Toxicology</i> , 2021, 455, 152764.	4.2	20
155	Studies on the contracture of the mouse diaphragm induced by sodium selenite. <i>European Journal of Pharmacology</i> , 1989, 167, 137-146.	3.5	19
156	MicroRNA-17-5p regulated apoptosis-related protein expression and radiosensitivity in oral squamous cell carcinoma caused by betel nut chewing. <i>Oncotarget</i> , 2016, 7, 51482-51493.	1.8	19
157	The Deubiquitinating Enzyme Inhibitor PR-619 Enhances the Cytotoxicity of Cisplatin via the Suppression of Anti-Apoptotic Bcl-2 Protein: In Vitro and In Vivo Study. <i>Cells</i> , 2019, 8, 1268.	4.1	19
158	Honokiol Induces Autophagic Apoptosis in Neuroblastoma Cells through a P53-Dependent Pathway. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 895-912.	3.8	19
159	Withaferin A protects against endoplasmic reticulum stress-associated apoptosis, inflammation, and fibrosis in the kidney of a mouse model of unilateral ureteral obstruction. <i>Phytomedicine</i> , 2020, 79, 153352.	5.3	19
160	Comparative Studies on the Induction of Muscle Contracture in Mouse Diaphragm and Ca^{2+} Release from Sarcoplasmic Reticulum Vesicles by Organotin Compounds. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998, 82, 23-27.	0.0	18
161	Regulation of Fibronectin Fibrillogenesis by Protein Kinases in Cultured Rat Osteoblasts. <i>Molecular Pharmacology</i> , 2002, 61, 1163-1173.	2.3	18
162	Swimming Training Increases the Post-Yield Energy of Bone in Young Male Rats. <i>Calcified Tissue International</i> , 2010, 86, 142-153.	3.1	18

#	ARTICLE	IF	CITATIONS
163	Involvement of caspase-12-dependent apoptotic pathway in ionic radiocontrast urografin-induced renal tubular cell injury. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 167-175.	2.8	18
164	Neurotoxicity of mercury sulfide in the vestibular ocular reflex system of guinea pigs. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 364, 249-258.	3.0	17
165	Bladder instillation of <i>Escherichia coli</i> lipopolysaccharide alters the muscle contractions in rat urinary bladder via a protein kinase C-related pathway. <i>Toxicology and Applied Pharmacology</i> , 2005, 208, 163-169.	2.8	17
166	Extract isolated from <i>Angelica hirsutiflora</i> with insulin secretagogue activity. <i>Journal of Ethnopharmacology</i> , 2009, 123, 208-212.	4.1	17
167	Mercuric Compounds Induce Pancreatic Islets Dysfunction and Apoptosis in Vivo. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12349-12366.	4.1	17
168	Low-Dose Benzo(a)pyrene and Its Epoxide Metabolite Inhibit Myogenic Differentiation in Human Skeletal Muscle-Derived Progenitor Cells. <i>Toxicological Sciences</i> , 2014, 138, 344-353.	3.1	17
169	Trifluoperazine, an Antipsychotic Drug, Effectively Reduces Drug Resistance in Cisplatin-Resistant Urothelial Carcinoma Cells via Suppressing Bcl-xL: An In Vitro and In Vivo Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3218.	4.1	17
170	The covalent CDK7 inhibitor THZ1 enhances temsirolimus-induced cytotoxicity via autophagy suppression in human renal cell carcinoma. <i>Cancer Letters</i> , 2020, 471, 27-37.	7.2	17
171	Arsenic induces autophagy-dependent apoptosis via Akt inactivation and AMPK activation signaling pathways leading to neuronal cell death. <i>NeuroToxicology</i> , 2021, 85, 133-144.	3.0	17
172	Celecoxib-Induced Cytotoxic Effect Is Potentiated by Inhibition of Autophagy in Human Urothelial Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e82034.	2.5	17
173	Effects of germanium oxide and other chemical compounds on phenylmercury acetate-induced genotoxicity in cultured human lymphocytes. , 1998, 31, 157-162.		16
174	The Abortifacient Effects from the Seeds of <i>Coix lachryma-jobi</i> L. var. <i>ma-yuen</i> Stapf. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005, 68, 1557-1565.	2.3	16
175	Uropathogenic <i>Escherichia coli</i> -Induced Inflammation Alters Mouse Urinary Bladder Contraction via an Interleukin-6-Activated Inducible Nitric Oxide Synthase-Related Pathway. <i>Infection and Immunity</i> , 2009, 77, 3312-3319.	2.2	16
176	An animal model of ocular vestibular-evoked myogenic potential in guinea pigs. <i>Experimental Brain Research</i> , 2010, 205, 145-152.	1.5	16
177	Exposure to Low Dose of Cinnabar (a Naturally Occurring Mercuric Sulfide (HgS)) Caused Neurotoxicological Effects in Offspring Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	16
178	Polyethylene glycol-conjugated HER2-targeted peptides as a nuclear imaging probe for HER2-overexpressed gastric cancer detection in vivo. <i>Journal of Translational Medicine</i> , 2018, 16, 168.	4.4	16
179	Low Intensity Pulsed Ultrasound Prevents Recurrent Ischemic Stroke in a Cerebral Ischemia/Reperfusion Injury Mouse Model via Brain-derived Neurotrophic Factor Induction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5169.	4.1	16
180	Benzo[a]pyrene activates interleukin-6 induction and suppresses nitric oxide-induced apoptosis in rat vascular smooth muscle cells. <i>PLoS ONE</i> , 2017, 12, e0178063.	2.5	16

#	ARTICLE	IF	CITATIONS
181	Effects of Bisphenol A Metabolite 4-Methyl-2,4-bis(4-hydroxyphenyl)pent-1-ene on Lung Function and Type 2 Pulmonary Alveolar Epithelial Cell Growth. <i>Scientific Reports</i> , 2016, 6, 39254.	3.3	15
182	Bioactive Flavonoids Icaritin and Icariin Protect against Cerebral Ischemiaâ€“Reperfusion-Associated Apoptosis and Extracellular Matrix Accumulation in an Ischemic Stroke Mouse Model. <i>Biomedicines</i> , 2021, 9, 1719.	3.2	15
183	The in vivo effect of lipopolysaccharide on neuromuscular transmission in the mouse. <i>European Journal of Pharmacology</i> , 1997, 333, 241-247.	3.5	14
184	NÎµ-carboxymethyllysine-mediated endoplasmic reticulum stress promotes endothelial cell injury through Nox4/MKP-3 interaction. <i>Free Radical Biology and Medicine</i> , 2014, 74, 294-306.	2.9	14
185	Role of Calbindin-D28k in Diabetes-Associated Advanced Glycation End-Products-Induced Renal Proximal Tubule Cell Injury. <i>Cells</i> , 2019, 8, 660.	4.1	14
186	Effects of Chitosan Oligosaccharide on Plasma and Hepatic Lipid Metabolism and Liver Histomorphology in Normal Sprague-Dawley Rats. <i>Marine Drugs</i> , 2020, 18, 408.	4.6	14
187	Effects and Mechanisms of Chitosan and ChitosanOligosaccharide on Hepatic Lipogenesis and Lipid Peroxidation, Adipose Lipolysis, and Intestinal Lipid Absorption in Rats with High-Fat Diet-Induced Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1139.	4.1	14
188	Early elimination of uremic toxin ameliorates AKI-to-CKD transition. <i>Clinical Science</i> , 2021, 135, 2643-2658.	4.3	14
189	Methylmercury Induces Mitochondria- and Endoplasmic Reticulum Stress-Dependent Pancreatic Î²-Cell Apoptosis via an Oxidative Stress-Mediated JNK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2858.	4.1	14
190	ANGPTL1 attenuates cancer migration, invasion, and stemness through regulating FOXO3a-mediated SOX2 expression in colorectal cancer. <i>Clinical Science</i> , 2022, 136, 657-673.	4.3	14
191	PROTEIN KINASE C REGULATES PURINERGIC COMPONENT OF NEUROGENIC CONTRACTIONS IN MOUSE BLADDER. <i>Journal of Urology</i> , 2000, 164, 1764-1767.	0.4	13
192	Uropathogenic <i>Escherichia coli</i> Alters Muscle Contractions in Rat Urinary Bladder via a Nitric Oxide Synthaseâ€“Related Signaling Pathway. <i>Journal of Infectious Diseases</i> , 2006, 194, 1774-1782.	4.0	13
193	Pyrrrolidine dithiocarbamate augments Hg ²⁺ -mediated induction of macrophage cell death via oxidative stress-induced apoptosis and necrosis signaling pathways. <i>Toxicology Letters</i> , 2012, 214, 33-45.	0.8	13
194	Etoposide induces pancreatic Î²-cells cytotoxicity via the JNK/ERK/GSK-3 signaling-mediated mitochondria-dependent apoptosis pathway. <i>Toxicology in Vitro</i> , 2016, 36, 142-152.	2.4	13
195	Prevention of acute kidney injury by low intensity pulsed ultrasound via anti-inflammation and anti-apoptosis. <i>Scientific Reports</i> , 2020, 10, 14317.	3.3	13
196	Hypoxia Induced by Cobalt Chloride Triggers Autophagic Apoptosis of Human and Mouse Drug-Resistant Glioblastoma Cells through Targeting the PI3K-AKT-mTOR Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	4.0	13
197	Naringin Improves Osteoblast Mineralization and Bone Healing and Strength through Regulating Estrogen Receptor Alpha-Dependent Alkaline Phosphatase Gene Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13020-13033.	5.2	13
198	Plasma Interleukin-18 Levels in Hemodialysis Patients: Increased by Dialysis Process and Association with Interleukin-6 and Tumor Necrotic Factor-Î±. <i>Blood Purification</i> , 2006, 24, 174-179.	1.8	12

#	ARTICLE	IF	CITATIONS
199	Osteoporosis Prevention by Adlay (è-è;ĵ YĀ-ŸÇ The Seeds of Coix Lachryma-Jobi L. var. ma-yuen Stapf) in a Mouse Model. <i>Journal of Traditional and Complementary Medicine</i> , 2013, 3, 134-138.	2.7	12
200	Genotoxicity and 28-day oral toxicity studies of a functional food mixture containing maltodextrin, white kidney bean extract, mulberry leaf extract, and niacin-bound chromium complex. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 67-74.	2.7	12
201	Biomechanical and tomographic differences in the microarchitecture and strength of trabecular and cortical bone in the early stage of male osteoporosis. <i>PLoS ONE</i> , 2019, 14, e0219718.	2.5	12
202	Prepared Rehmanniae Radix oligosaccharide regulates postprandial and diabetic blood glucose in mice. <i>Journal of Functional Foods</i> , 2018, 41, 210-215.	3.4	11
203	Resistant Maltodextrin Ameliorates Altered Hepatic Lipid Homeostasis via Activation of AMP-Activated Protein Kinase in a High-Fat Diet-Fed Rat Model. <i>Nutrients</i> , 2019, 11, 291.	4.1	11
204	Protective Effects of Nootkatone on Renal Inflammation, Apoptosis, and Fibrosis in a Unilateral Ureteral Obstructive Mouse Model. <i>Nutrients</i> , 2021, 13, 3921.	4.1	11
205	ALTERATIONS OF MOTOR NERVE FUNCTIONS IN ANIMALS EXPOSED TO MOTORCYCLE EXHAUST. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 803-812.	2.3	10
206	Nitric oxide is not involved in the endotoxemia-induced alterations in Ca ²⁺ and ryanodine responses in mouse diaphragms. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 327-334.	3.0	10
207	Low Molecular Weight Chitosan Accelerates Glucagon-like Peptide-1 Secretion in Human Intestinal Endocrine Cells via a p38-Dependent Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4855-4861.	5.2	10
208	Potential Association of <i>IL1B</i> Polymorphism With Iron Deficiency Risk in Childhood <i>Helicobacter pylori</i> Infection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, e36-e40.	1.8	10
209	Inorganic Arsenic Exposure Decreases Muscle Mass and Enhances Denervation-Induced Muscle Atrophy in Mice. <i>Molecules</i> , 2020, 25, 3057.	3.8	10
210	Chitosan Oligosaccharide Alleviates Abnormal Glucose Metabolism without Inhibition of Hepatic Lipid Accumulation in a High-Fat Diet/Streptozotocin-Induced Diabetic Rat Model. <i>Marine Drugs</i> , 2021, 19, 360.	4.6	10
211	C/EBP homologous protein deficiency aggravates acute pancreatitis and associated lung injury. <i>World Journal of Gastroenterology</i> , 2013, 19, 7097.	3.3	10
212	Genotoxicity and 28-day repeated dose oral toxicity study of garlic essential oil in mice. <i>Journal of Traditional and Complementary Medicine</i> , 2022, 12, 536-544.	2.7	10
213	Use of ion channel blockers in the exploration of possible mechanisms involved in the myopathy of diabetic mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993, 348, 311-8.	3.0	9
214	Safety and mutagenicity evaluation of Vigiis 101 powder made from <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> NTU 101. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 71, 148-157.	2.7	9
215	Trichostatin A, a histone deacetylase inhibitor, induces synergistic cytotoxicity with chemotherapy via suppression of Raf/MEK/ERK pathway in urothelial carcinoma. <i>Journal of Molecular Medicine</i> , 2018, 96, 1307-1318.	3.9	9
216	Safety evaluation of water extract of <i>Gastrodia elata</i> Blume: Genotoxicity and 28-day oral toxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 114, 104657.	2.7	9

#	ARTICLE	IF	CITATIONS
217	4-Methyl-2,4-bis(4-hydroxyphenyl)pent-1-ene, a Major Active Metabolite of Bisphenol A, Triggers Pancreatic β -Cell Death via a JNK/AMPK \pm Activation-Regulated Endoplasmic Reticulum Stress-Mediated Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4379.	4.1	9
218	Analysis of the Necrosis-Inducing Components of the Venom of <i>Naja atra</i> and Assessment of the Neutralization Ability of Freeze-Dried Antivenom. <i>Toxins</i> , 2021, 13, 619.	3.4	9
219	Low-Concentration Arsenic Trioxide Inhibits Skeletal Myoblast Cell Proliferation via a Reactive Oxygen Species-Independent Pathway. <i>PLoS ONE</i> , 2015, 10, e0137907.	2.5	9
220	MLN4924, a Novel NEDD8-activating enzyme inhibitor, exhibits antitumor activity and enhances cisplatin-induced cytotoxicity in human cervical carcinoma: in vitro and in vivo study. <i>American Journal of Cancer Research</i> , 2015, 5, 3350-62.	1.4	9
221	MERCURIC CHLORIDE ALTERS THE MEMBRANE POTENTIAL AND INTRACELLULAR CALCIUM LEVEL IN MOUSE PANCREATIC ISLET CELLS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 317-326.	2.3	8
222	Titanium implants enhance pulmonary nitric oxide production and lung injury in rats exposed to endotoxin. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 69A, 561-566.	3.1	8
223	Functional changes in arteries induced by pulsed high-intensity focused ultrasound. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2009, 56, 2643-2649.	3.0	8
224	Epigallocatechin Gallate Attenuates Partial Bladder Outlet Obstruction-induced Bladder Injury via Suppression of Endoplasmic Reticulum Stress-related Apoptosisâ€”In Vivo Study. <i>Urology</i> , 2016, 91, 242.e1-242.e9.	1.0	8
225	Hepcidin correlates with interleukin-1 β and interleukin-6 but not iron deficiency in children with <i>Helicobacter pylori</i> infection. <i>Pediatrics and Neonatology</i> , 2018, 59, 611-617.	0.9	8
226	Suppression of Angiogenesis by Targeting Cyclin-Dependent Kinase 7 in Human Umbilical Vein Endothelial Cells and Renal Cell Carcinoma: An In Vitro and In Vivo Study. <i>Cells</i> , 2019, 8, 1469.	4.1	8
227	Descriptive study of snakebite patients in Northern Taiwan: 2009 to 2016. <i>Journal of Medical Sciences (Taiwan)</i> , 2019, 39, 114.	0.2	8
228	PR-619, a General Inhibitor of Deubiquitylating Enzymes, Diminishes Cisplatin Resistance in Urothelial Carcinoma Cells through the Suppression of c-Myc: An In Vitro and In Vivo Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11706.	4.1	8
229	Targeting histone deacetylase-3 blocked epithelial-mesenchymal plasticity and metastatic dissemination in gastric cancer. <i>Cell Biology and Toxicology</i> , 2023, 39, 1873-1896.	5.3	8
230	Quercetin induces tongue squamous cell carcinoma cell apoptosis via the JNK activationâ€”regulated ERK/GSK β /I χ 1-mediated mitochondriaâ€”dependent apoptotic signaling pathway. <i>Oncology Letters</i> , 2022, 23, 78.	1.8	8
231	CDK7 inhibition by THZ1 suppresses cancer stemness in both chemonaïve and chemoresistant urothelial carcinoma via the hedgehog signaling pathway. <i>Cancer Letters</i> , 2021, 507, 70-79.	7.2	7
232	Sulfonamide derivative targeting carbonic anhydrase IX as a nuclear imaging probe for colorectal cancer detection in vivo. <i>Oncotarget</i> , 2015, 6, 36139-36155.	1.8	7
233	CARMA3 Promotes Colorectal Cancer Cell Motility and Cancer Stemness via YAP-Mediated NF- κ B Activation. <i>Cancers</i> , 2021, 13, 5946.	3.7	7
234	Therapeutic effect of quercetin polymeric nanoparticles on ischemia/reperfusion-induced acute kidney injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 608, 122-127.	2.1	7

#	ARTICLE	IF	CITATIONS
235	Potential by metal ions of ryanodine contracture of the mouse diaphragm. <i>European Journal of Pharmacology</i> , 1994, 251, 61-68.	3.5	6
236	Statins Dose-Dependently Exert Significant Chemopreventive Effects Against Various Cancers in Chronic Obstructive Pulmonary Disease Patients: A Population-Based Cohort Study. <i>Journal of Cancer</i> , 2016, 7, 1892-1900.	2.5	6
237	Benzo[a]pyrene alters vascular function in rat aortas ex vivo and in vivo. <i>Vascular Pharmacology</i> , 2019, 121, 106578.	2.1	6
238	The role of a point-of-care ultrasound protocol in facilitating clinical decisions for snakebite envenomation in Taiwan: a pilot study. <i>Clinical Toxicology</i> , 2021, 59, 794-800.	1.9	6
239	Advanced glycation end products activated endothelial-to-mesenchymal transition in pancreatic islet endothelial cells and triggered islet fibrosis in diabetic mice. <i>Chemico-Biological Interactions</i> , 2021, 345, 109562.	4.0	6
240	The down-regulation of XBP1, an unfolded protein response effector, promotes acute kidney injury to chronic kidney disease transition. <i>Journal of Biomedical Science</i> , 2022, 29, .	7.0	6
241	The effects of uranyl ions on neuromuscular transmission in the urinary bladder of the normal and streptozotocin-diabetic mouse. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 773-778.	3.0	5
242	Titanium implants alter endothelial function and vasoconstriction via a protein kinase C-regulated pathway. <i>Acta Biomaterialia</i> , 2009, 5, 3258-3264.	8.3	5
243	Factors associated with delayed pediatric hypospadias surgery in Taiwan: A population-based, nationwide analysis. <i>Journal of the Formosan Medical Association</i> , 2013, 112, 48-53.	1.7	5
244	Islet-like clusters derived from skeletal muscle-derived stem/progenitor cells for autologous transplantation to control type 1 diabetes in mice. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, S328-S335.	2.8	5
245	Prenatal developmental toxicity study of strontium citrate in Sprague Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 101, 196-200.	2.7	5
246	Exposure of low-concentration arsenic induces myotube atrophy by inhibiting an Akt signaling pathway. <i>Toxicology in Vitro</i> , 2020, 65, 104829.	2.4	5
247	Indium-111-labeled CD166-targeted peptide as a potential nuclear imaging agent for detecting colorectal cancer stem-like cells in a xenograft mouse model. <i>EJNMMI Research</i> , 2020, 10, 13.	2.5	5
248	Neddylation inhibitor, MLN4924 suppresses angiogenesis in huvecs and solid cancers: and study. <i>American Journal of Cancer Research</i> , 2020, 10, 953-964.	1.4	5
249	Studies on mercuric sulfide, a component of cinnabar, a Chinese herbal medicine, on cellular functions in mouse lung and fibroblasts. <i>Toxicological and Environmental Chemistry</i> , 2008, 90, 181-201.	1.2	4
250	Gender difference of CCAAT/enhancer binding protein homologous protein deficiency in susceptibility to osteopenia. <i>Journal of Orthopaedic Research</i> , 2019, 37, 942-947.	2.3	4
251	Genistein Triggers Translocation of Estrogen Receptor-Alpha in Mitochondria to Induce Expressions of ATP Synthesis-Associated Genes and Improves Energy Production and Osteoblast Maturation. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 901-923.	3.8	4
252	A novel 111indium-labeled dual carbonic anhydrase 9-targeted probe as a potential SPECT imaging radiotracer for detection of hypoxic colorectal cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 168, 38-52.	4.3	4

#	ARTICLE	IF	CITATIONS
253	Studies of Coumarin Derivatives for Constitutive Androstane Receptor (CAR) Activation. <i>Molecules</i> , 2021, 26, 164.	3.8	4
254	Studies on the inhibition by chlorpromazine of myotonia induced by ion channel modulators in mouse skeletal muscle. <i>European Journal of Pharmacology</i> , 1993, 231, 23-30.	3.5	3
255	Nanoparticles prepared from the water extract of Gusuibu (<i>Drynaria fortunei</i> J. Sm.) protects osteoblasts against insults and promotes cell maturation. <i>International Journal of Nanomedicine</i> , 2011, 6, 1405.	6.7	3
256	Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7228.	4.1	3
257	Evaluation of osteoporosis prevention by adlay using a tissue culture model. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008, 17 Suppl 1, 143-6.	0.4	3
258	Polysaccharide-Rich Red Algae (<i>Gelidium amansii</i>) Hot-Water Extracts Alleviate Abnormal Hepatic Lipid Metabolism without Suppression of Glucose Intolerance in a Streptozotocin/Nicotinamide-Induced Diabetic Rat Model. <i>Molecules</i> , 2022, 27, 1447.	3.8	3
259	Norketamine, the Main Metabolite of Ketamine, Induces Mitochondria-Dependent and ER Stress-Triggered Apoptotic Death in Urothelial Cells via a Ca ²⁺ -Regulated ERK1/2-Activating Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4666.	4.1	3
260	Alterations in the Properties and Isoforms of Sciatic Nerve Na ⁺ ,K ⁺ -ATPase in Methylcyclopentadienyl Manganese Tricarbonyl-Treated Mice. <i>Environmental Research</i> , 2000, 82, 239-244.	7.5	2
261	Hemorrhagic cystitis in children treated with alkylating agent cyclophosphamide: The experience of a medical center in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 691-697.	1.7	2
262	Transplantation of human skeletal muscle-derived progenitor cells ameliorates knee osteoarthritis in streptozotocin-induced diabetic mice. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1886-1893.	2.3	2
263	Influence of Dietary Chitosan Feeding Duration on Glucose and Lipid Metabolism in a Diabetic Rat Model. <i>Molecules</i> , 2021, 26, 5033.	3.8	2
264	Fish oil enriched n-3 fatty acids ameliorates protein synthesis/degradation imbalance, inflammation, and wasting in muscles of diet-induced obese rats. <i>Journal of Functional Foods</i> , 2021, 87, 104755.	3.4	2
265	Fish Oil Enriched n-3 Polyunsaturated Fatty Acids Improve Ketogenic Low-Carbohydrate/High-Fat Diet-Caused Dyslipidemia, Excessive Fat Accumulation, and Weight Control in Rats. <i>Nutrients</i> , 2022, 14, 1796.	4.1	2
266	Polysaccharide-Rich Red Algae (<i>Gelidium amansii</i>) Hot-Water Extracts Ameliorate the Altered Plasma Cholesterol and Hepatic Lipid Homeostasis in High-Fat Diet-Fed Rats. <i>Journal of Food and Drug Analysis</i> , 2021, 29, 46-56.	1.9	1
267	THZ1, a covalent CDK7 inhibitor, enhances gemcitabine-induced cytotoxicity via suppression of Bcl-2 in urothelial carcinoma. <i>American Journal of Cancer Research</i> , 2021, 11, 171-180.	1.4	1
268	Studies on the contracture inducing action of triphenyltin in the mouse diaphragm. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1994, 292, 95-101.	0.8	0
269	The length ratios between fetal limb bones and nasal bone in the general population. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 148, 99-100.	1.1	0
270	Therapeutic Potential of Tpl2 (Tumor Progression Locus 2) Inhibition on Diabetic Vasculopathy Through the Blockage of the Inflammasome Complex. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, e46-e62.	2.4	0