

Shing-Hwa Liu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7169616/shing-hwa-liu-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

257 papers	6,829 citations	46 h-index	65 g-index
275 ext. papers	7,927 ext. citations	4.9 avg, IF	5.9 L-index

#	Paper	IF	Citations
257	Quercetin induces tongue squamous cell carcinoma cell apoptosis via the JNK activation-regulated ERK/GSK-3 β -mediated mitochondria-dependent apoptotic signaling pathway.. <i>Oncology Letters</i> , 2022 , 23, 78	2.6	0
256	Targeting histone deacetylase-3 blocked epithelial-mesenchymal plasticity and metastatic dissemination in gastric cancer.. <i>Cell Biology and Toxicology</i> , 2022 , 1	7.4	2
255	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	3.4	0
254	ANGPTL1 attenuates cancer migration, invasion, and stemness through regulating FOXO3a-mediated SOX2 expression in colorectal cancer.. <i>Clinical Science</i> , 2022 , 136, 657-673	6.5	2
253	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	4.4	0
252	Early elimination of uremic toxin ameliorates AKI-to-CKD transition. <i>Clinical Science</i> , 2021 , 135, 2643-2658	5.5	3
251	CARMA3 Promotes Colorectal Cancer Cell Motility and Cancer Stemness via YAP-Mediated NF- κ B Activation. <i>Cancers</i> , 2021 , 13,	6.6	1
250	Protective Effects of Nootkatone on Renal Inflammation, Apoptosis, and Fibrosis in a Unilateral Ureteral Obstructive Mouse Model. <i>Nutrients</i> , 2021 , 13,	6.7	2
249	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	5.7	0
248	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> , 2021 , 41, e46-e62	9.4	
247	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, 5558618	6.7	1
246	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	4.4	7
245	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,	6	1
244	CDK7 inhibition by THZ1 suppresses cancer stemness in both chemosensitive and chemoresistant urothelial carcinoma via the hedgehog signaling pathway. <i>Cancer Letters</i> , 2021 , 507, 70-79	9.9	1
243	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	4.4	5
242	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,	6.3	3
241	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	6	2

240	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	2.9	1
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	5	1
238	A novel indium-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	5.7	1
237	Fish oil enriched Ω 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	5.1	
236	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	3.4	3
235	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	3.6	4
234	Neddylation inhibitor, MLN4924 suppresses angiogenesis in huvecs and solid cancers: and study. <i>American Journal of Cancer Research</i> , 2020 , 10, 953-964	4.4	5
233	Studies of Coumarin Derivatives for Constitutive Androstane Receptor (CAR) Activation. <i>Molecules</i> , 2020 , 26,	4.8	2
232	Arsenic induces human chondrocyte senescence and accelerates rat articular cartilage aging. <i>Archives of Toxicology</i> , 2020 , 94, 89-101	5.8	8
231	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	9.9	13
230	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	6.5	9
229	Inorganic Arsenic Exposure Decreases Muscle Mass and Enhances Denervation-Induced Muscle Atrophy in Mice. <i>Molecules</i> , 2020 , 25,	4.8	3
228	Effects of Chitosan Oligosaccharide on Plasma and Hepatic Lipid Metabolism and Liver Histomorphology in Normal Sprague-Dawley Rats. <i>Marine Drugs</i> , 2020 , 18,	6	4
227	Prevention of acute kidney injury by low intensity pulsed ultrasound via anti-inflammation and anti-apoptosis. <i>Scientific Reports</i> , 2020 , 10, 14317	4.9	4
226	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	5.7	9
225	Exposure of low-concentration arsenic induces myotube atrophy by inhibiting an Akt signaling pathway. <i>Toxicology in Vitro</i> , 2020 , 65, 104829	3.6	2
224	The Anti-Obesity Effect of Polysaccharide-Rich Red Algae () Hot-Water Extracts in High-Fat Diet-Induced Obese Hamsters. <i>Marine Drugs</i> , 2019 , 17,	6	17
223	Prenatal developmental toxicity study of strontium citrate in Sprague Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 101, 196-200	3.4	4

222	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,	6.7	8
221	Honokiol Induces Autophagic Apoptosis in Neuroblastoma Cells through a P53-Dependent Pathway. <i>The American Journal of Chinese Medicine</i> , 2019 , 47, 895-912	6	12
220	Biocompatible and multifunctional gold nanorods for effective photothermal therapy of oral squamous cell carcinoma. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4451-4460	7.3	23
219	Gender difference of CCAAT/enhancer binding protein homologous protein deficiency in susceptibility to osteopenia. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 942-947	3.8	1
218	The antifibrotic and anti-inflammatory effects of icariin on the kidney in a unilateral ureteral obstruction mouse model. <i>Phytomedicine</i> , 2019 , 59, 152917	6.5	32
217	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	3.7	8
216	Acute oral toxicity and repeated dose 28-day oral toxicity studies of MIL-101 nanoparticles. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 107, 104426	3.4	12
215	Benzo[a]pyrene alters vascular function in rat aortas ex vivo and in vivo. <i>Vascular Pharmacology</i> , 2019 , 121, 106578	5.9	2
214	Methylmercury exposure induces ROS/Akt inactivation-triggered endoplasmic reticulum stress-regulated neuronal cell apoptosis. <i>Toxicology</i> , 2019 , 425, 152245	4.4	27
213	Cadmium exposure induces pancreatic β cell death via a Ca-triggered JNK/CHOP-related apoptotic signaling pathway. <i>Toxicology</i> , 2019 , 425, 152252	4.4	17
212	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,	6	18
211	Role of Calbindin-D28k in Diabetes-Associated Advanced Glycation End-Products-Induced Renal Proximal Tubule Cell Injury. <i>Cells</i> , 2019 , 8,	7.9	6
210	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,	6.3	8
209	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,	7.9	12
208	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,	6.3	6
207	Descriptive study of snakebite patients in Northern Taiwan: 2009 to 2016. <i>Journal of Medical Sciences (Taiwan)</i> , 2019 , 39, 114	0.2	5
206	Comparative Effects and Mechanisms of Chitosan and Its Derivatives on Hypercholesterolemia in High-Fat Diet-Fed Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	16
205	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,	7.9	6

204	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	10.3	11
203	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> , 2018 , 20,	6.3	19
202	Preventing muscle wasting by osteoporosis drug alendronate in vitro and in myopathy models via sirtuin-3 down-regulation. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018 , 9, 585-602	10.3	22
201	Hepcidin correlates with interleukin-1 β and interleukin-6 but not iron deficiency in children with Helicobacter pylori infection. <i>Pediatrics and Neonatology</i> , 2018 , 59, 611-617	1.8	3
200	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	4.4	27
199	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	4.9	33
198	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	5.7	20
197	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	4.9	19
196	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	2.8	14
195	Prepared Rehmanniae Radix oligosaccharide regulates postprandial and diabetic blood glucose in mice. <i>Journal of Functional Foods</i> , 2018 , 41, 210-215	5.1	7
194	Improved effects of honokiol on temozolomide-induced autophagy and apoptosis of drug-sensitive and -tolerant glioma cells. <i>BMC Cancer</i> , 2018 , 18, 379	4.8	25
193	Potential Association of IL1B Polymorphism With Iron Deficiency Risk in Childhood Helicobacter pylori Infection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018 , 66, e36-e40	2.8	5
192	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,	6	17
191	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	6.1	3
190	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	8.5	11
189	Honokiol enhances temozolomide-induced apoptotic insults to malignant glioma cells via an intrinsic mitochondrion-dependent pathway. <i>Phytomedicine</i> , 2018 , 49, 41-51	6.5	14
188	Plasticizer di(2-ethylhexyl)phthalate interferes with osteoblastogenesis and adipogenesis in a mouse model. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 1124-1134	3.8	19
187	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	3.4	7

186	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, 3535769	3.2	15
185	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	5.5	4
184	Effects of tebuconazole on cytochrome P450 enzymes, oxidative stress, and endocrine disruption in male rats. <i>Environmental Toxicology</i> , 2018 , 33, 899	4.2	31
183	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	7	25
182	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	4.4	16
181	Tributyltin exposure at noncytotoxic doses dysregulates pancreatic β cell function in vitro and in vivo. <i>Archives of Toxicology</i> , 2017 , 91, 3135-3144	5.8	18
180	Induction of sirtuin-1 signaling by resveratrol induces human chondrosarcoma cell apoptosis and exhibits antitumor activity. <i>Scientific Reports</i> , 2017 , 7, 3180	4.9	52
179	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	3.8	1
178	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	4.7	43
177	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, 3152-3160	5.1	44
176	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	4.9	42
175	TPL2 (Therapeutic Targeting Tumor Progression Locus-2)/ATF4 (Activating Transcription Factor-4)/SDF1 α (Chemokine Stromal Cell-Derived Factor-1) α Axis Suppresses Diabetic Retinopathy. <i>Circulation Research</i> , 2017 , 121, e37-e52	15.7	13
174	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,	6	25
173	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	3.7	11
172	Aryl Hydrocarbon Receptor Deficiency Attenuates Oxidative Stress-Related Mesangial Cell Activation and Macrophage Infiltration and Extracellular Matrix Accumulation in Diabetic Nephropathy. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 217-231	8.4	14
171	Involvement of Endoplasmic Reticulum Stress, Autophagy, and Apoptosis in Advanced Glycation End Products-Induced Glomerular Mesangial Cell Injury. <i>Scientific Reports</i> , 2016 , 6, 34167	4.9	36
170	Advanced glycation end-products induce skeletal muscle atrophy and dysfunction in diabetic mice via a RAGE-mediated, AMPK-down-regulated, Akt pathway. <i>Journal of Pathology</i> , 2016 , 238, 470-82	9.4	73
169	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, 905-16	5.8	23

168	Preclinical effects of honokiol on treating glioblastoma multiforme via G1 phase arrest and cell apoptosis. <i>Phytomedicine</i> , 2016 , 23, 517-27	6.5	29
167	Epigallocatechin Gallate Attenuates Partial Bladder Outlet Obstruction-induced Bladder Injury via Suppression of Endoplasmic Reticulum Stress-related Apoptosis-In Vivo Study. <i>Urology</i> , 2016 , 91, 242.e1-9	1.6	5
166	C/EBP homologous protein (CHOP) deficiency ameliorates renal fibrosis in unilateral ureteral obstructive kidney disease. <i>Oncotarget</i> , 2016 , 7, 21900-12	3.3	20
165	Chemical chaperon 4-phenylbutyrate protects against the endoplasmic reticulum stress-mediated renal fibrosis in vivo and in vitro. <i>Oncotarget</i> , 2016 , 7, 22116-27	3.3	46
164	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, 23072-87	3.3	12
163	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	4.5	6
162	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	3.3	12
161	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	4.5	31
160	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	3.7	29
159	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	3.8	44
158	Influenza Vaccination Reduces Dementia Risk in Chronic Kidney Disease Patients: A Population-Based Cohort Study. <i>Medicine (United States)</i> , 2016 , 95, e2868	1.8	20
157	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	4.9	7
156	Statins improve outcomes of nonsurgical curative treatments in hepatocellular carcinoma patients. <i>Medicine (United States)</i> , 2016 , 95, e4639	1.8	17
155	Green Tea Catechin Prevents Hypoxia/Reperfusion-Evoked Oxidative Stress-Regulated Autophagy-Activated Apoptosis and Cell Death in Microglial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 4078-85	5.7	31
154	Etoposide induces pancreatic β cells cytotoxicity via the JNK/ERK/GSK-3 signaling-mediated mitochondria-dependent apoptosis pathway. <i>Toxicology in Vitro</i> , 2016 , 36, 142-152	3.6	4
153	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, 2979-88	5.7	43
152	PPAR γ s 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, 373-81	3.8	36
151	Protective effects of low-intensity pulsed ultrasound on aluminum-induced cerebral damage in Alzheimer's disease rat model. <i>Scientific Reports</i> , 2015 , 5, 9671	4.9	81

150	Honokiol confers immunogenicity by dictating calreticulin exposure, activating ER stress and inhibiting epithelial-to-mesenchymal transition. <i>Molecular Oncology</i> , 2015 , 9, 834-49	7.9	40
149	Cancer risk in HBV patients with statin and metformin use: a population-based cohort study. <i>Medicine (United States)</i> , 2015 , 94, e462	1.8	50
148	Cantharidin Induces Apoptosis Through the Calcium/PKC-Regulated Endoplasmic Reticulum Stress Pathway in Human Bladder Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 581-600	6	32
147	Titanium nanoparticle inhalation induces renal fibrosis in mice via an oxidative stress upregulated transforming growth factor- β pathway. <i>Chemical Research in Toxicology</i> , 2015 , 28, 354-64	4	36
146	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, 691-7	3.2	1
145	ATP synthase subunit- δ down-regulation aggravates diabetic nephropathy. <i>Scientific Reports</i> , 2015 , 5, 14561	4.9	17
144	Arsenic Exposure and Glucose Intolerance/Insulin Resistance in Estrogen-Deficient Female Mice. <i>Environmental Health Perspectives</i> , 2015 , 123, 1138-44	8.4	47
143	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, 7302-13	6	20
142	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, 5941-54	7.3	32
141	Advanced glycation end-products induce apoptosis in pancreatic islet endothelial cells via NF- κ B-activated cyclooxygenase-2/prostaglandin E2 up-regulation. <i>PLoS ONE</i> , 2015 , 10, e0124418	3.7	39
140	Dementia Risk in Irradiated Patients With Head and Neck Cancer. <i>Medicine (United States)</i> , 2015 , 94, e19833		21
139	CCAAT-Enhancer-Binding Protein Homologous Protein Deficiency Attenuates Oxidative Stress and Renal Ischemia-Reperfusion Injury. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 1233-45	8.4	35
138	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, 148-57	3.4	8
137	Low-Concentration Arsenic Trioxide Inhibits Skeletal Myoblast Cell Proliferation via a Reactive Oxygen Species-Independent Pathway. <i>PLoS ONE</i> , 2015 , 10, e0137907	3.7	6
136	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	4.4	9
135	Sulfonamide derivative targeting carbonic anhydrase IX as a nuclear imaging probe for colorectal cancer detection in vivo. <i>Oncotarget</i> , 2015 , 6, 36139-55	3.3	6
134	Controllable permeability of blood-brain barrier and reduced brain injury through low-intensity pulsed ultrasound stimulation. <i>Oncotarget</i> , 2015 , 6, 42290-9	3.3	18
133	<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 Pt A, 94-101	5	22

132	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	6.3	56
131	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, 3466-75	5.7	37
130	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, 344-53	4.4	15
129	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, 869-89	6	52
128	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, 573-80	3.8	59
127	Effects of arsenic on osteoblast differentiation in vitro and on bone mineral density and microstructure in rats. <i>Environmental Health Perspectives</i> , 2014 , 122, 559-65	8.4	30
126	Genistein induces oestrogen receptor- α 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	3.6	41
125	N ϵ -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	7.8	11
124	Afatinib and its encapsulated polymeric micelles inhibits HER2-overexpressed colorectal tumor cell growth in vitro and in vivo. <i>Oncotarget</i> , 2014 , 5, 4868-80	3.3	28
123	The novel Aryl hydrocarbon receptor inhibitor biseugenol inhibits gastric tumor growth and peritoneal dissemination. <i>Oncotarget</i> , 2014 , 5, 7788-804	3.3	25
122	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, 4855-61	5.7	9
121	Autophagy induction promotes aristolochic acid-I-induced renal injury in vivo and in vitro. <i>Toxicology</i> , 2013 , 312, 63-73	4.4	19
120	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	3.2	3
119	Antidiabetic effects of pterisin A, a small-molecular-weight natural product, on diabetic mouse models. <i>Diabetes</i> , 2013 , 62, 628-38	0.9	48
118	Involvement of caspase-12-dependent apoptotic pathway in ionic radiocontrast urografin-induced renal tubular cell injury. <i>Toxicology and Applied Pharmacology</i> , 2013 , 266, 167-75	4.6	16
117	Advanced glycation end products induce peroxisome proliferator-activated receptor γ down-regulation-related inflammatory signals in human chondrocytes via Toll-like receptor-4 and receptor for advanced glycation end products. <i>PLoS ONE</i> , 2013 , 8, e66611	3.7	66
116	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, 302-10	4.4	20
115	Advanced glycation end product N ϵ -carboxymethyllysine induces endothelial cell injury: the involvement of SHP-1-regulated VEGFR-2 dephosphorylation. <i>Journal of Pathology</i> , 2013 , 230, 215-27	9.4	19

114	Egb761 inhibits inflammatory responses in human chondrocytes and shows chondroprotection in osteoarthritic rat knee. <i>Journal of Orthopaedic Research</i> , 2013 , 31, 1032-8	3.8	23
113	Osteoporosis Prevention by Adlay (Yinyang 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, 134-8	4.6	6
112	Cadmium induces apoptosis in pancreatic β cells through a mitochondria-dependent pathway: the role of oxidative stress-mediated c-Jun N-terminal kinase activation. <i>PLoS ONE</i> , 2013 , 8, e54374	3.7	92
111	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	3.7	49
110	Celecoxib-induced cytotoxic effect is potentiated by inhibition of autophagy in human urothelial carcinoma cells. <i>PLoS ONE</i> , 2013 , 8, e82034	3.7	16
109	C/EBP homologous protein deficiency aggravates acute pancreatitis and associated lung injury. <i>World Journal of Gastroenterology</i> , 2013 , 19, 7097-105	5.6	9
108	Pyrrolidine 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	4.4	12
107	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.e5-11	1.6	21
106	C/EBP homologous protein (CHOP) deficiency aggravates hippocampal cell apoptosis and impairs memory performance. <i>PLoS ONE</i> , 2012 , 7, e40801	3.7	35
105	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, 4306-13	5.7	14
104	Arsenic induces apoptosis in myoblasts through a reactive oxygen species-induced endoplasmic reticulum stress and mitochondrial dysfunction pathway. <i>Archives of Toxicology</i> , 2012 , 86, 923-33	5.8	120
103	Mercuric compounds induce pancreatic islets dysfunction and apoptosis in vivo. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 12349-66	6.3	13
102	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, 254582		10
101	Honokiol attenuates the severity of acute pancreatitis and associated lung injury via acceleration of acinar cell apoptosis. <i>Shock</i> , 2012 , 37, 478-84	3.4	25
100	Down-regulation of glucose-regulated protein (GRP) 78 potentiates cytotoxic effect of celecoxib in human urothelial carcinoma cells. <i>PLoS ONE</i> , 2012 , 7, e33615	3.7	29
99	Calpain/SHP-1 interaction by honokiol dampening peritoneal dissemination of gastric cancer in nu/nu mice. <i>PLoS ONE</i> , 2012 , 7, e43711	3.7	36
98	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, 1087-94	5.7	59
97	Arsenic and diabetes: current perspectives. <i>Kaohsiung Journal of Medical Sciences</i> , 2011 , 27, 402-10	2.4	38

96	Neurotoxicological effects of low-dose methylmercury and mercuric chloride in developing offspring mice. <i>Toxicology Letters</i> , 2011 , 201, 196-204	4.4	49
95	Involvement of oxidative stress-mediated ERK1/2 and p38 activation regulated mitochondria-dependent apoptotic signals in methylmercury-induced neuronal cell injury. <i>Toxicology Letters</i> , 2011 , 204, 71-80	4.4	82
94	Arsenic induces pancreatic cell apoptosis via the oxidative stress-regulated mitochondria-dependent and endoplasmic reticulum stress-triggered signaling pathways. <i>Toxicology Letters</i> , 2011 , 201, 15-26	4.4	143
93	Endoplasmic reticulum stress implicated in the development of renal fibrosis. <i>Molecular Medicine</i> , 2011 , 17, 1295-305	6.2	99
92	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, 1405-13	7.3	3
91	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, 586-97	8.6	40
90	EGb 761 (<i>Ginkgo biloba</i>) 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, 886-94	6.3	41
89	Salubrinal, an eIF2 γ -phosphorylation inhibitor, enhances cisplatin-induced oxidative stress and nephrotoxicity in a mouse model. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 671-80	7.8	51
88	Honokiol rescues sepsis-associated acute lung injury and lethality via the inhibition of oxidative stress and inflammation. <i>Intensive Care Medicine</i> , 2011 , 37, 533-41	14.5	35
87	Inorganic arsenic causes cell apoptosis in mouse cerebrum through an oxidative stress-regulated signaling pathway. <i>Archives of Toxicology</i> , 2011 , 85, 565-75	5.8	77
86	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, 954-60	3.8	47
85	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, 981-98	6.8	18
84	Mite allergen Der-p2 triggers human B lymphocyte activation and Toll-like receptor-4 induction. <i>PLoS ONE</i> , 2011 , 6, e23249	3.7	24
83	Honokiol inhibits gastric tumorigenesis by activation of 15-lipoxygenase-1 and consequent inhibition of peroxisome proliferator-activated receptor-gamma and COX-2-dependent signals. <i>British Journal of Pharmacology</i> , 2010 , 160, 1963-72	8.6	31
82	Arsenic inhibits myogenic differentiation and muscle regeneration. <i>Environmental Health Perspectives</i> , 2010 , 118, 949-56	8.4	56
81	Honokiol induces cell apoptosis in human chondrosarcoma cells through mitochondrial dysfunction and endoplasmic reticulum stress. <i>Cancer Letters</i> , 2010 , 291, 20-30	9.9	53
80	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	2.4	
79	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, 5795-800	5.7	60

78	IL-13 downregulates PPAR-gamma/heme oxygenase-1 via ER stress-stimulated calpain activation: aggravation of activated microglia death. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 1465-76	10.3	31
77	An animal model of ocular vestibular-evoked myogenic potential in guinea pigs. <i>Experimental Brain Research</i> , 2010 , 205, 145-52	2.3	15
76	Swimming training increases the post-yield energy of bone in young male rats. <i>Calcified Tissue International</i> , 2010 , 86, 142-53	3.9	13
75	Inorganic mercury causes pancreatic beta-cell death via the oxidative stress-induced apoptotic and necrotic pathways. <i>Toxicology and Applied Pharmacology</i> , 2010 , 243, 323-31	4.6	72
74	A novel inner ear monitoring system for evaluating ototoxicity of gentamicin eardrops in guinea pigs. <i>Laryngoscope</i> , 2010 , 120, 1220-6	3.6	19
73	Evaluation of guinea pig model for ocular and cervical vestibular-evoked myogenic potentials for vestibular function test. <i>Laryngoscope</i> , 2010 , 120, 1910-7	3.6	19
72	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, 3344-9	2.2	47
71	Uropathogenic Escherichia coli-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, 3312-9	3.7	15
70	Heavy metals, islet function and diabetes development. <i>Islets</i> , 2009 , 1, 169-76	2	149
69	Osteopontin increases migration and MMP-9 up-regulation via alphavbeta3 integrin, FAK, ERK, and NF-kappaB-dependent pathway in human chondrosarcoma cells. <i>Journal of Cellular Physiology</i> , 2009 , 221, 98-108	7	87
68	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, 382-92 ⁶		22
67	Titanium implants alter endothelial function and vasoconstriction via a protein kinase C-regulated pathway. <i>Acta Biomaterialia</i> , 2009 , 5, 3258-64	10.8	5
66	Extract isolated from Angelica hirsutiflora with insulin secretagogue activity. <i>Journal of Ethnopharmacology</i> , 2009 , 123, 208-12	5	14
65	Functional changes in arteries induced by pulsed high-intensity focused ultrasound. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2009 , 56, 2643-9	3.2	6
64	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, 2043-50 ^{7,8}		63
63	Involvement of activating transcription factors JNK, NF-kappaB, and AP-1 in apoptosis induced by pyrrolidine dithiocarbamate/Cu complex. <i>European Journal of Pharmacology</i> , 2008 , 594, 9-17	5.3	22
62	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, 188-97 ⁴		58
61	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, 386-96	4.4	24

60	Apoptosis of cultured astrocytes induced by the copper and neocuproine complex through oxidative stress and JNK activation. <i>Toxicological Sciences</i> , 2008 , 102, 138-49	4.4	57
59	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	1.4	4
58	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, 657-64	4	24
57	Islet-like clusters derived from mesenchymal stem cells in Wharton's Jelly of the human umbilical cord for transplantation to control type 1 diabetes. <i>PLoS ONE</i> , 2008 , 3, e1451	3.7	236
56	Methamphetamine-elicited alterations of dopamine- and serotonin-metabolite levels within mu-opioid receptor knockout mice: a microdialysis study. <i>Journal of Biomedical Science</i> , 2008 , 15, 391-403	13.3	18
55	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, 350-7	2.9	22
54	Novel regimen through combination of memantine and tea polyphenol for neuroprotection against brain excitotoxicity. <i>Journal of Neuroscience Research</i> , 2008 , 86, 2696-704	4.4	40
53	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	3.4	22
52	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	1	3
51	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, 1170-6	4	17
50	Differential neurotoxic effects of methylmercury and mercuric sulfide in rats. <i>Toxicology Letters</i> , 2007 , 169, 109-20	4.4	61
49	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	4.4	51
48	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, 108-16	3.1	44
47	Neurotoxicological effects of cinnabar (a Chinese mineral medicine, HgS) in mice. <i>Toxicology and Applied Pharmacology</i> , 2007 , 224, 192-201	4.6	37
46	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 gamma signaling. <i>Endocrinology</i> , 2007 , 148, 4267-75	4.8	80
45	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	3.7	56
44	D-Methionine attenuated cisplatin-induced vestibulotoxicity through altering ATPase activities and oxidative stress in guinea pigs. <i>Toxicology and Applied Pharmacology</i> , 2006 , 215, 228-36	4.6	25
43	Plasma interleukin-18 levels in hemodialysis patients: increased by dialysis process and association with interleukin-6 and tumor necrotic factor-alpha. <i>Blood Purification</i> , 2006 , 24, 174-9	3.1	12

42	Uropathogenic <i>Escherichia coli</i> alters muscle contractions in rat urinary bladder via a nitric oxide synthase-related signaling pathway. <i>Journal of Infectious Diseases</i> , 2006 , 194, 1774-82	7	13
41	The role of phosphoinositide 3-kinase/Akt signaling in low-dose mercury-induced mouse pancreatic beta-cell dysfunction in vitro and in vivo. <i>Diabetes</i> , 2006 , 55, 1614-24	0.9	91
40	Methylmercury induces pancreatic beta-cell apoptosis and dysfunction. <i>Chemical Research in Toxicology</i> , 2006 , 19, 1080-5	4	73
39	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, 1557-65	3.2	15
38	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, 102-9	3.9	48
37	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, 975-84	4.9	53
36	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, 163-9	4.6	15
35	High glucose induces human endothelial cell apoptosis through a phosphoinositide 3-kinase-regulated cyclooxygenase-2 pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 539-45	9.4	156
34	Plasma interleukin-18 levels in chronic renal failure and continuous ambulatory peritoneal dialysis. <i>Blood Purification</i> , 2005 , 23, 144-8	3.1	25
33	Activation of phosphoinositide 3-kinase in response to high glucose leads to regulation of reactive oxygen species-related nuclear factor-kappaB activation and cyclooxygenase-2 expression in mesangial cells. <i>Molecular Pharmacology</i> , 2004 , 66, 187-96	4.3	54
32	Interleukin-18 is a strong predictor of hospitalization in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2004 , 19, 2810-5	4.3	36
31	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 , 69, 561-6		8
30	Benzo[a]pyrene regulates osteoblast proliferation through an estrogen receptor-related cyclooxygenase-2 pathway. <i>Chemical Research in Toxicology</i> , 2004 , 17, 679-84	4	58
29	beta-Lapachone reduces endotoxin-induced macrophage activation and lung edema and mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 85-91	10.2	40
28	Motorcycle exhaust particulates enhance vasoconstriction in organ culture of rat aortas and involve reactive oxygen species. <i>Toxicological Sciences</i> , 2003 , 75, 66-73	4.4	33
27	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, 327-34	3.4	9
26	Neurotoxic mechanism of cinnabar and mercuric sulfide on the vestibulo-ocular reflex system of guinea pigs. <i>Toxicological Sciences</i> , 2002 , 67, 256-63	4.4	23
25	Regulation of fibronectin fibrillogenesis by protein kinases in cultured rat osteoblasts. <i>Molecular Pharmacology</i> , 2002 , 61, 1163-73	4.3	16

24	Tissue distribution of different mercurial compounds analyzed by the improved FI-CVAAS. <i>Journal of Analytical Toxicology</i> , 2002 , 26, 286-95	2.9	24
23	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, 803-12	3.2	8
22	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, 317-26	3.2	5
21	Neurotoxicity of mercury sulfide in the vestibular ocular reflex system of guinea pigs. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 364, 249-58	3.4	11
20	Toxic effects of potassium bromate and thioglycolate on vestibuloocular reflex systems of Guinea pigs and humans. <i>Toxicology and Applied Pharmacology</i> , 2001 , 177, 103-11	4.6	17
19	Oxidative stress and c-Jun-amino-terminal kinase activation involved in apoptosis of primary astrocytes induced by disulfiram-Cu(2+) complex. <i>European Journal of Pharmacology</i> , 2001 , 414, 177-88	5.3	27
18	Reactive oxygen species modulate angiotensin II-induced beta-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, 143-8	3.4	62
17	Reactive oxygen species mediate cyclic strain-induced endothelin-1 gene expression via Ras/Raf/extracellular signal-regulated kinase pathway in endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2001 , 33, 1805-14	5.8	102
16	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, 81-7	3.9	22
15	Potential of noise-induced hearing loss by amikacin in guinea pigs. <i>Hearing Research</i> , 2001 , 161, 72-80	3.9	25
14	Death signaling pathway induced by pyrrolidine dithiocarbamate-Cu(2+) complex in the cultured rat cortical astrocytes. <i>Glia</i> , 2000 , 31, 249-61	9	54
13	Alterations in the properties and isoforms of sciatic nerve Na(+), K(+)-ATPase in methylcyclopentadienyl manganese tricarbonyl-treated mice. <i>Environmental Research</i> , 2000 , 82, 239-44	7.9	2
12	PROTEIN KINASE C REGULATES PURINERGIC COMPONENT OF NEUROGENIC CONTRACTIONS IN MOUSE BLADDER. <i>Journal of Urology</i> , 2000 , 164, 1764-1767	2.5	11
11	Inhibition of inducible nitric oxide synthase by beta-lapachone in rat alveolar macrophages and aorta. <i>British Journal of Pharmacology</i> , 1999 , 126, 746-50	8.6	21
10	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, 23-7		15
9	Effects of germanium oxide and other chemical compounds on phenylmercury acetate-induced genotoxicity in cultured human lymphocytes. <i>Environmental and Molecular Mutagenesis</i> , 1998 , 31, 157-62	3.2	14
8	The in vivo effect of lipopolysaccharide on neuromuscular transmission in the mouse. <i>European Journal of Pharmacology</i> , 1997 , 333, 241-7	5.3	10
7	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, 269-76	3	23

6	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, 773-8	3-4	3
5	Potentialiation by metal ions of ryanodine contracture of the mouse diaphragm. <i>European Journal of Pharmacology</i> , 1994 , 251, 61-8	5-3	3
4	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		
3	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	5-3	2
2	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	3-4	8
1	Studies on the contracture of the mouse diaphragm induced by sodium selenite. <i>European Journal of Pharmacology</i> , 1989 , 167, 137-46	5-3	14