

Shing-Hwa Liu

List of Publications by Year in descending order

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270
papers

8,968
citations

38742

50
h-index

79698

73
g-index

275
all docs

275
docs citations

275
times ranked

12555
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Quercetin induces tongue squamous cell carcinoma cell apoptosis via the JNK activation-regulated ERK/GSK3 β /I χ 2-mediated mitochondria-dependent apoptotic signaling pathway. <i>Oncology Letters</i> , 2022, 23, 78.	1.8	8
3	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
4	Methylmercury Induces Mitochondria- and Endoplasmic Reticulum Stress-Dependent Pancreatic β -Cell Apoptosis via an Oxidative Stress-Mediated JNK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2858.	4.1	14
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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 β Activation-Regulated Endoplasmic Reticulum Stress-Mediated Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4379.	4.1	9
16	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
17	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
18	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

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19	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.	7.2	7
20	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
21	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
22	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
23	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
24	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
25	A novel ¹¹¹ 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.	4.3	4
26	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.	3.4	2
27	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
28	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
29	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
30	Studies of Coumarin Derivatives for Constitutive Androstane Receptor (CAR) Activation. <i>Molecules</i> , 2021, 26, 164.	3.8	4
31	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
32	Early elimination of uremic toxin ameliorates AKI-to-CKD transition. <i>Clinical Science</i> , 2021, 135, 2643-2658.	4.3	14
33	CARMA3 Promotes Colorectal Cancer Cell Motility and Cancer Stemness via YAP-Mediated NF-κB Activation. <i>Cancers</i> , 2021, 13, 5946.	3.7	7
34	Bioactive Flavonoids Icaritin and Icariin Protect against Cerebral Ischemia-Induced Reperfusion-Associated Apoptosis and Extracellular Matrix Accumulation in an Ischemic Stroke Mouse Model. <i>Biomedicines</i> , 2021, 9, 1719.	3.2	15
35	Arsenic induces human chondrocyte senescence and accelerates rat articular cartilage aging. <i>Archives of Toxicology</i> , 2020, 94, 89-101.	4.2	25
36	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

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37	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
38	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
39	Inorganic Arsenic Exposure Decreases Muscle Mass and Enhances Denervation-Induced Muscle Atrophy in Mice. <i>Molecules</i> , 2020, 25, 3057.	3.8	10
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Benzo[a]pyrene alters vascular function in rat aortas ex vivo and in vivo. <i>Vascular Pharmacology</i> , 2019, 121, 106578.	2.1	6
51	Methylmercury exposure induces ROS/Akt inactivation-triggered endoplasmic reticulum stress-regulated neuronal cell apoptosis. <i>Toxicology</i> , 2019, 425, 152245.	4.2	48
52	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
53	Omega-3 Fatty Acids-Enriched Fish Oil Activates AMPK/PGC-1 α Signaling and Prevents Obesity-Related Skeletal Muscle Wasting. <i>Marine Drugs</i> , 2019, 17, 380.	4.6	32
54	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

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55	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
56	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
57	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
58	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
59	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
60	Prenatal developmental toxicity study of strontium citrate in Sprague Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 101, 196-200.	2.7	5
61	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
62	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
63	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.	5.8	39
64	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
65	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
66	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
67	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
68	Descriptive study of snakebite patients in Northern Taiwan: 2009 to 2016. <i>Journal of Medical Sciences (Taiwan)</i> , 2019, 39, 114.	0.2	8
69	Plasticizer di(2-ethylhexyl)phthalate interferes with osteoblastogenesis and adipogenesis in a mouse model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1124-1134.	2.3	35
70	Preventing muscle wasting by osteoporosis drug alendronate <i>in vitro</i> and in myopathy models via sirtuin3 downregulation. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 585-602.	7.3	36
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	Improved effects of honokiol on temozolomide-induced autophagy and apoptosis of drug-sensitive and -tolerant glioma cells. <i>BMC Cancer</i> , 2018, 18, 379.	2.6	37
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	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

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91	Tributyltin exposure at noncytotoxic doses dysregulates pancreatic \hat{I}^2 -cell function in vitro and in vivo. <i>Archives of Toxicology</i> , 2017, 91, 3135-3144.	4.2	30
92	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
93	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
94	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
95	Salidroside ameliorates sepsis-induced acute lung injury and mortality via downregulating NF- \hat{I}^{B} and HMGB1 pathways through the upregulation of SIRT1. <i>Scientific Reports</i> , 2017, 7, 12026.	3.3	73
96	TPL2 (Therapeutic Targeting Tumor Progression Locus-2)/ATF4 (Activating Transcription Factor-4)/SDF1 \hat{I}^{\pm} (Chemokine Stromal Cell-Derived Factor- \hat{I}^{\pm}) Axis Suppresses Diabetic Retinopathy. <i>Circulation Research</i> , 2017, 121, e37-e52.	4.5	26
97	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
98	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
99	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
100	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
101	Brown Seaweed Fucoidan 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
102	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
103	Advanced glycation end-products induced VEGF production and inflammatory responses in human synoviocytes via RAGE-NF- \hat{I}^{B} pathway activation. <i>Journal of Orthopaedic Research</i> , 2016, 34, 791-800.	2.3	50
104	Influenza Vaccination Reduces Dementia Risk in Chronic Kidney Disease Patients. <i>Medicine (United States)</i> , 2016, 95, e4639.	1.0	37
105	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
106	Statins improve outcomes of nonsurgical curative treatments in hepatocellular carcinoma patients. <i>Medicine (United States)</i> , 2016, 95, e4639.	1.0	22
107	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, 4078-4085.	5.2	40
108	Etoposide induces pancreatic \hat{I}^2 -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

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109	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.	3.3	45
110	Advanced glycation end-products induce skeletal muscle atrophy and dysfunction in diabetic mice via a RAGE-mediated, AMPK-downregulated, Akt pathway. <i>Journal of Pathology</i> , 2016, 238, 470-482.	4.5	113
111	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
112	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
113	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.e1-242.e9.	1.0	8
114	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.	5.4	37
115	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
116	Chemical chaperon 4-phenylbutyrate protects against the endoplasmic reticulum stress-mediated renal fibrosis in vivo and in vitro. <i>Oncotarget</i> , 2016, 7, 22116-22127.	1.8	59
117	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
118	ATP synthase subunit- β down-regulation aggravates diabetic nephropathy. <i>Scientific Reports</i> , 2015, 5, 14561.	3.3	24
119	Arsenic Exposure and Glucose Intolerance/Insulin Resistance in Estrogen-Deficient Female Mice. <i>Environmental Health Perspectives</i> , 2015, 123, 1138-1144.	6.0	52
120	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
121	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
122	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.	2.5	45
123	Dementia Risk in Irradiated Patients With Head and Neck Cancer. <i>Medicine (United States)</i> , 2015, 94, e1983.	1.0	27
124	CCAAT-Enhancer-Binding Protein Homologous Protein Deficiency Attenuates Oxidative Stress and Renal Ischemia-Reperfusion Injury. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1233-1245.	5.4	45
125	Safety and mutagenicity evaluation of Vigiiis 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
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