Chen-Yuan Chiu

List of Publications by Year
in descending order

31	715	567144 15	552653 26
papers	citations	h-index	g-index

34	34	34	1175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced glycation endâ€products induce skeletal muscle atrophy and dysfunction in diabetic mice via a <scp>RAGE</scp>â€mediated, <scp>AMPK</scp>â€downâ€regulated, Akt pathway. Journal of Pathology, 2016, 238, 470-482.	2.1	113
2	Coffea arabica extract and its constituents prevent photoaging by suppressing MMPs expression and MAP kinase pathway. Food and Chemical Toxicology, 2011, 49, 309-318.	1.8	96
3	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. Journal of Agricultural and Food Chemistry, 2015, 63, 2979-2988.	2.4	47
4	Advanced Glycation End-Products Induce Apoptosis in Pancreatic Islet Endothelial Cells via NF-ÎºB-Activated Cyclooxygenase-2/Prostaglandin E2 Up-Regulation. PLoS ONE, 2015, 10, e0124418.	1.1	45
5	Preventing muscle wasting by osteoporosis drug alendronate in vitro and in myopathy models via sirtuinâ€3 downâ€regulation. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 585-602.	2.9	36
6	The regulatory effects of fish oil and chitosan on hepatic lipogenic signals in high-fat diet-induced obese rats. Journal of Food and Drug Analysis, 2017, 25, 919-930.	0.9	35
7	Plasticizer di(2â€ethylhexyl)phthalate interferes with osteoblastogenesis and adipogenesis in a mouse model. Journal of Orthopaedic Research, 2018, 36, 1124-1134.	1.2	35
8	Omega-3 Fatty Acids-Enriched Fish Oil Activates AMPK/PGC-1Î± Signaling and Prevents Obesity-Related Skeletal Muscle Wasting. Marine Drugs, 2019, 17, 380.	2.2	32
9	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. Marine Drugs, 2017, 15, 234.	2.2	30
10	Fish Oil Supplementation Alleviates the Altered Lipid Homeostasis in Blood, Liver, and Adipose Tissues in High-Fat Diet-Fed Rats. Journal of Agricultural and Food Chemistry, 2018, 66, 4118-4128.	2.4	27
11	Comparative Effects and Mechanisms of Chitosan and Its Derivatives on Hypercholesterolemia in High-Fat Diet-Fed Rats. International Journal of Molecular Sciences, 2020, 21, 92.	1.8	27
12	Functional Comparison of High and Low Molecular Weight Chitosan on Lipid Metabolism and Signals in High-Fat Diet-Fed Rats. Marine Drugs, 2018, 16, 251.	2.2	26
13	The Anti-Obesity Effect of Polysaccharide-Rich Red Algae (Gelidium amansii) Hot-Water Extracts in High-Fat Diet-Induced Obese Hamsters. Marine Drugs, 2019, 17, 532.	2.2	26
14	Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 165-176.	2.9	22
15	Low-Dose Benzo(a)pyrene and Its Epoxide Metabolite Inhibit Myogenic Differentiation in Human Skeletal Muscle-Derived Progenitor Cells. Toxicological Sciences, 2014, 138, 344-353.	1.4	17
16	Polyethylene glycol-conjugated HER2-targeted peptides as a nuclear imaging probe for HER2-overexpressed gastric cancer detection in vivo. Journal of Translational Medicine, 2018, 16, 168.	1.8	16
17	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. Regulatory Toxicology and Pharmacology, 2018, 92, 67-74.	1.3	12
18	Resistant Maltodextrin Ameliorates Altered Hepatic Lipid Homeostasis via Activation of AMP-Activated Protein Kinase in a High-Fat Diet-Fed Rat Model. Nutrients, 2019, 11, 291.	1.7	11

#	Article	IF	Citations
19	Inorganic Arsenic Exposure Decreases Muscle Mass and Enhances Denervation-Induced Muscle Atrophy in Mice. Molecules, 2020, 25, 3057.	1.7	10
20	Low-Concentration Arsenic Trioxide Inhibits Skeletal Myoblast Cell Proliferation via a Reactive Oxygen Species-Independent Pathway. PLoS ONE, 2015, 10, e0137907.	1.1	9
21	The Anti-Melanogenesis Effect of 3,4-Dihydroxybenzalacetone through Downregulation of Melanosome Maturation and Transportation in B16F10 and Human Epidermal Melanocytes. International Journal of Molecular Sciences, 2021, 22, 2823.	1.8	7
22	Protective Effect of Djulis (Chenopodium formosanum) Extract against UV- and AGEs-Induced Skin Aging via Alleviating Oxidative Stress and Collagen Degradation. Molecules, 2022, 27, 2332.	1.7	7
23	Prenatal developmental toxicity study of strontium citrate in Sprague Dawley rats. Regulatory Toxicology and Pharmacology, 2019, 101, 196-200.	1.3	5
24	Exposure of low-concentration arsenic induces myotube atrophy by inhibiting an Akt signaling pathway. Toxicology in Vitro, 2020, 65, 104829.	1.1	5
25	Gender difference of CCAAT/enhancer binding protein homologous protein deficiency in susceptibility to osteopenia. Journal of Orthopaedic Research, 2019, 37, 942-947.	1.2	4
26	Studies of Coumarin Derivatives for Constitutive Androstane Receptor (CAR) Activation. Molecules, 2021, 26, 164.	1.7	4
27	Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells. International Journal of Molecular Sciences, 2021, 22, 7228.	1.8	3
28	Transplantation of human skeletal muscle-derived progenitor cells ameliorates knee osteoarthritis in streptozotocin-induced diabetic mice. Journal of Orthopaedic Research, 2017, 35, 1886-1893.	1.2	2
29	Influence of Dietary Chitosan Feeding Duration on Glucose and Lipid Metabolism in a Diabetic Rat Model. Molecules, 2021, 26, 5033.	1.7	2
30	Omega 3 fatty acids-enriched fish oil improves lipometabolism of liver and skeletal muscle via AMPK activation in high-fat-diet-fed rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-8-12.	0.0	0
31	Long-term feeding of chitosan ameliorates glucose and lipid metabolism in rats with diabetes induced by streptozotocin and nicotinamide. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-8-1.	0.0	0