

Chih-Yang Huang

List of Publications by Year in Descending Order

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

355
papers

6,323
citations

38
h-index

54
g-index

379
ext. papers

7,960
ext. citations

4.8
avg, IF

5.92
L-index

#	Paper	IF	Citations
355	Calycosin alleviates H ₂ O ₂ -induced astrocyte injury by restricting oxidative stress through the Akt/Nrf2/HO-1 signaling pathway.. <i>Environmental Toxicology</i> , 2022 ,	4.2	3
354	Glycyrrhiza uralensis root extract ameliorates high glucose-induced renal proximal tubular fibrosis by attenuating tubular epithelial-myofibroblast transdifferentiation by targeting TGF- β /Smad/Stat3 pathway.. <i>Journal of Food Biochemistry</i> , 2022 , e14041	3.3	1
353	Galangin Reverses HO-Induced Dermal Fibroblast Senescence via SIRT1-PGC-1 α /Nrf2 Signaling.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	4
352	Anti-apoptotic Effects of Diosgenin on Ovariectomized Hearts.. <i>Steroids</i> , 2022 , 108980	2.8	
351	Tanshinone IIA inhibits Leu271GF-II-induced insulin-like growth factor receptor II signaling and myocardial apoptosis via estrogen receptor-mediated Akt activation. <i>Environmental Toxicology</i> , 2022 , 37, 142-150	4.2	0
350	Traditional Chinese medicine formula T33 inhibits the proliferation of human colorectal cancer cells by inducing autophagy.. <i>Environmental Toxicology</i> , 2022 ,	4.2	3
349	Arecoline induces cardiotoxicity by upregulating and activating cardiac hypertrophy-related pathways in Sprague-Dawley rats.. <i>Chemico-Biological Interactions</i> , 2022 , 354, 109810	5	1
348	Novel anti-aging herbal formulation Jing Si displays pleiotropic effects against aging associated disorders.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 146, 112427	7.5	1
347	Aqueous extract of Solanum nigrum attenuates Angiotensin-II induced cardiac hypertrophy and improves cardiac function by repressing protein kinase C- β to restore HSF2 deSUMOylation and Mel-18-IGF-IIR signaling suppression. <i>Journal of Ethnopharmacology</i> , 2022 , 284, 114728	5	0
346	Induction of Human Umbilical Mesenchymal Stem Cell Differentiation Into Retinal Pigment Epithelial Cells Using a Transwell-Based Co-culture System.. <i>Cell Transplantation</i> , 2022 , 31, 9636897221085901 ⁰	4.8	0
345	Neferine attenuates doxorubicin-induced fibrosis and hypertrophy in H9c2 cells.. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022 , e23054	3.4	0
344	Vascular function in the aging human brain during muscle exertion.. <i>Aging</i> , 2022 , 14, 3910-3920	5.6	
343	Cardiovascular Disease and Possible Ways in Which Lycopene Acts as an Efficient Cardio-Protectant against Different Cardiovascular Risk Factors. <i>Molecules</i> , 2022 , 27, 3235	4.8	1
342	Protective effects of galangin against HO/UVB-induced dermal fibroblast collagen degradation via hsa-microRNA-4535-mediated TGF- β /Smad signaling. <i>Aging</i> , 2021 , 13,	5.6	1
341	Pre-exercise Carbohydrate Drink Adding Protein Improves Post-exercise Fatigue Recovery. <i>Frontiers in Physiology</i> , 2021 , 12, 765473	4.6	
340	An updated review on pharmacological properties of neferine-A bisbenzylisoquinoline alkaloid from Nelumbo nucifera. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13986	3.3	3
339	Complete Restoration of Motor Function in Acute Cerebral Stroke Treated with Allogeneic Human Umbilical Cord Blood Monocytes: Preliminary Results of a phase I Clinical Trial.. <i>Cell Transplantation</i> , 2021 , 30, 9636897211067447	4	0

338	Angiotensin II receptor blocker irbesartan attenuates sleep apnea-induced cardiac apoptosis and enhances cardiac survival and Sirtuin 1 upregulation. <i>Sleep and Breathing</i> , 2021 , 1	3.1	1
337	The molecular mechanisms underlying arecoline-induced cardiac fibrosis in rats. <i>Open Life Sciences</i> , 2021 , 16, 1182-1192	1.2	0
336	Polymorphism of formyl peptide receptor 1 (FPR1) reduces the therapeutic efficiency and antitumor immunity after neoadjuvant chemoradiotherapy (CCRT) treatment in locally advanced rectal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 2937-2950	7.4	5
335	Whole-life body composition trajectory and longevity: role of insulin. <i>Aging</i> , 2021 , 13, 9719-9731	5.6	2
334	Immunogenic Cell Death by the Novel Topoisomerase I Inhibitor TLC388 Enhances the Therapeutic Efficacy of Radiotherapy. <i>Cancers</i> , 2021 , 13,	6.6	2
333	AXL is crucial for E1A-enhanced therapeutic efficiency of EGFR tyrosine kinase inhibitors through NFI in breast cancer. <i>Environmental Toxicology</i> , 2021 , 36, 1278-1287	4.2	0
332	Cardioprotective effects of transplanted adipose-derived stem cells under Ang II stress with Danggui administration augments cardiac function through upregulation of insulin-like growth factor 1 receptor in late-stage hypertension rats. <i>Environmental Toxicology</i> , 2021 , 36, 1466-1475	4.2	2
331	miR-145-5p targets paxillin to attenuate angiotensin II-induced pathological cardiac hypertrophy via downregulation of Rac 1, pJNK, p-c-Jun, NFATc3, ANP and by Sirt-1 upregulation. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 3253-3260	4.2	4
330	Arecoline induces heart injure via Fas/Fas ligand apoptotic pathway in heart of Sprague-Dawley rat. <i>Environmental Toxicology</i> , 2021 , 36, 1567-1575	4.2	2
329	Hsa-miR-107 regulates chemosensitivity and inhibits tumor growth in hepatocellular carcinoma cells. <i>Aging</i> , 2021 , 13, 12046-12057	5.6	1
328	Small Molecule Compound Nerolidol attenuates Hypertension induced hypertrophy in spontaneously hypertensive rats through modulation of Mel-18-IGF-IIR signalling. <i>Phytomedicine</i> , 2021 , 84, 153450	6.5	1
327	SENP1 participates in Irinotecan resistance in human colon cancer cells. <i>Journal of Cellular Biochemistry</i> , 2021 , 122, 1277-1294	4.7	4
326	E3 ligase activity of Carboxyl terminus of Hsc70 interacting protein (CHIP) in Wharton [®] jelly derived mesenchymal stem cells improves their persistence under hyperglycemic stress and promotes the prophylactic effects against diabetic cardiac damages. <i>Bioengineering and Translational Medicine</i> , 2021 , 6, e10234	14.8	1
325	Reduced stem cell aging in exercised human skeletal muscle is enhanced by ginsenoside Rg1. <i>Aging</i> , 2021 , 13, 16567-16576	5.6	4
324	Erk phosphorylation reduces the thymoquinone toxicity in human hepatocarcinoma. <i>Environmental Toxicology</i> , 2021 , 36, 1990-1998	4.2	2
323	IGF IIR-triggered pathological manifestations in the heart aggravate renal inflammation in STZ-induced type-I diabetes rats. <i>Aging</i> , 2021 , 13, 17536-17547	5.6	0
322	Exercise renovates HS and Nrf2-related antioxidant pathways to suppress apoptosis in the natural ageing process of male rat cortex. <i>Biogerontology</i> , 2021 , 22, 495-506	4.5	1
321	Heat-Killed Lactobacillus reuteri GMNL-263 Inhibits Systemic Lupus Erythematosus-Induced Cardiomyopathy in NZB/W F1 Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 13, 51-59	5.5	6

320	Adipose derived mesenchymal stem cells along with <i>Alpinia oxyphylla</i> extract alleviate mitochondria-mediated cardiac apoptosis in aging models and cardiac function in aging rats. <i>Journal of Ethnopharmacology</i> , 2021 , 264, 113297	5	6
319	Exercise training restores IGF1R survival signaling in d-galactose induced-aging rats to suppress cardiac apoptosis. <i>Journal of Advanced Research</i> , 2021 , 28, 35-41	13	3
318	Signal transducer and activator of transcription 3 mediates apoptosis inhibition through reducing mitochondrial ROS and activating Bcl-2 in gemcitabine-resistant lung cancer A549 cells. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3896-3905	7	1
317	Nerolidol improves cardiac function in spontaneously hypertensive rats by inhibiting cardiac inflammation and remodelling associated TLR4/ NF- κ B signalling cascade. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111837	4.7	6
316	Extracts of <i>Jasminum sambac</i> flowers fermented by <i>Lactobacillus rhamnosus</i> inhibit H ₂ O ₂ - and UVB-induced aging in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2021 , 36, 607-619	4.2	4
315	Seven traditional Chinese herbal extracts fermented by <i>Lactobacillus rhamnosus</i> provide anti-pigmentation effects by regulating the CREB/MITF/tyrosinase pathway. <i>Environmental Toxicology</i> , 2021 , 36, 654-664	4.2	5
314	<i>Poria cocos</i> (Fuling) targets TGF β /Smad7 associated collagen accumulation and enhances Nrf2-antioxidant mechanism to exert anti-skin aging effects in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2021 , 36, 729-736	4.2	2
313	Leech extract: A candidate cardioprotective against hypertension-induced cardiac hypertrophy and fibrosis. <i>Journal of Ethnopharmacology</i> , 2021 , 264, 113346	5	5
312	Cardioprotective potential of amygdalin against angiotensin II induced cardiac hypertrophy, oxidative stress and inflammatory responses through modulation of Nrf2 and NF- κ B activation. <i>Environmental Toxicology</i> , 2021 , 36, 926-934	4.2	9
311	Calmodulin/CaMKII β mediates prosurvival capability in apicidin-persistent hepatocellular carcinoma cells via ERK1/2/CREB/c-fos signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2021 , 122, 612-625	4.7	3
310	Anti-apoptotic and pro-survival effects of longan flower extracts on rat hearts with fructose-induced metabolic syndrome. <i>Environmental Toxicology</i> , 2021 , 36, 1021-1030	4.2	
309	Effects of bilateral subthalamic nucleus deep brain stimulation on motor symptoms in Parkinson's disease: a retrospective cohort study. <i>Neural Regeneration Research</i> , 2021 , 16, 905-909	4.5	2
308	Platycodin D reverses histone deacetylase inhibitor resistance in hepatocellular carcinoma cells by repressing ERK1/2-mediated cofilin-1 phosphorylation. <i>Phytomedicine</i> , 2021 , 82, 153442	6.5	3
307	Hyperglycemia-Induced Cardiac Damage Is Alleviated by Heat-Inactivated <i>Lactobacillus reuteri</i> GMNL-263 via Activation of the IGF1R Survival Pathway. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 13, 1044-1053	5.5	2
306	ATAD3A stabilizes GRP78 to suppress ER stress for acquired chemoresistance in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2021 , 236, 6481-6495	7	2
305	Diabetes-induced cardiomyopathy is ameliorated by heat-killed <i>Lactobacillus reuteri</i> GMNL-263 in diabetic rats via the repression of the toll-like receptor 4 pathway. <i>European Journal of Nutrition</i> , 2021 , 60, 3211-3223	5.2	3
304	Bioactive dipeptide from potato protein hydrolysate combined with swimming exercise prevents high fat diet induced hepatocyte apoptosis by activating PI3K/Akt in SAMP8 mouse. <i>Molecular Biology Reports</i> , 2021 , 48, 2629-2637	2.8	3
303	CHIP-overexpressing Wharton's jelly-derived mesenchymal stem cells attenuate hyperglycemia-induced oxidative stress-mediated kidney injuries in diabetic rats. <i>Free Radical Biology and Medicine</i> , 2021 , 173, 70-80	7.8	0

302	Leu IGF-II-induced hypertrophy in H9c2 cardiomyoblasts is ameliorated by saffron by regulation of calcineurin/NFAT and CaMKII β signaling. <i>Environmental Toxicology</i> , 2021 , 36, 2475-2483	4.2	1
301	Perturbed ER homeostasis by IGF-IIR β promotes cardiac damage under stresses. <i>Molecular and Cellular Biochemistry</i> , 2021 , 1	4.2	0
300	MicroRNA-210 repression facilitates advanced glycation end-product (AGE)-induced cardiac mitochondrial dysfunction and apoptosis via JNK activation. <i>Journal of Cellular Biochemistry</i> , 2021 , 122, 1873-1885	4.7	0
299	Diallyl Trisulfide Suppresses High-Glucose-Induced Cardiomyocyte Apoptosis by Targeting Reactive Oxygen Species-Mediated Hypoxia-Inducible Factor-1 β /Insulin-like Growth Factor Binding Protein 3 Activation. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 11696-11708	5.7	2
298	Antioxidant Sirt1/Akt axis expression in resveratrol pretreated adipose-derived stem cells increases regenerative capability in a rat model with cardiomyopathy induced by diabetes mellitus. <i>Journal of Cellular Physiology</i> , 2021 , 236, 4290-4302	7	6
297	Identification of theranostic factors for patients developing metastasis after surgery for early-stage lung adenocarcinoma. <i>Theranostics</i> , 2021 , 11, 3661-3675	12.1	7
296	An independent predictor of poor prognosis in locally advanced rectal cancer: rs867228 in formyl peptide receptor 1 (FPR1). <i>Oncolmmunology</i> , 2021 , 10, 1926074	7.2	2
295	Protein phosphatase 2A inactivation induces microsatellite instability, neoantigen production and immune response.. <i>Nature Communications</i> , 2021 , 12, 7297	17.4	1
294	Carboxyl terminus of HSP70-interacting protein attenuates advanced glycation end products-induced cardiac injuries by promoting NFB proteasomal degradation.. <i>Journal of Cellular Physiology</i> , 2021 ,	7	2
293	Danshen (<i>Salvia miltiorhiza</i>) inhibits Leu27 IGF-II-induced hypertrophy in H9c2 cells. <i>Environmental Toxicology</i> , 2020 , 35, 1043-1049	4.2	0
292	Chemoresistance-Associated Silencing of miR-4454 Promotes Colorectal Cancer Aggression through the and Pathway. <i>Cancers</i> , 2020 , 12,	6.6	7
291	Selective Activation of ZAK β Expression by 3-Hydroxy-2-Phenylchromone Inhibits Human Osteosarcoma Cells and Triggers Apoptosis via JNK Activation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
290	Induction of Autophagy by Vasiconone Protects Neural Cells from Mitochondrial Dysfunction and Attenuates Paraquat-Mediated Parkinson β Disease Associated β Synuclein Levels. <i>Nutrients</i> , 2020 , 12,	6.7	9
289	Bioactive peptides attenuate cardiac apoptosis in spontaneously hypertensive rat hearts through activation of autophagy and mitochondrial biogenesis pathway. <i>Environmental Toxicology</i> , 2020 , 35, 804-810	4.2	6
288	Anti-Apoptotic Effects of Diosgenin in D-Galactose-Induced Aging Brain. <i>The American Journal of Chinese Medicine</i> , 2020 , 48, 391-406	6	10
287	Parkinson β disease a futile entangle of Mankind β credence on an herbal remedy: A review. <i>Life Sciences</i> , 2020 , 257, 118019	6.8	
286	Andrographolide mitigates cardiac apoptosis to provide cardio-protection in high-fat-diet-induced obese mice. <i>Environmental Toxicology</i> , 2020 , 35, 707-713	4.2	7
285	Decitabine Augments Chemotherapy-Induced PD-L1 Upregulation for PD-L1 Blockade in Colorectal Cancer. <i>Cancers</i> , 2020 , 12,	6.6	28

284	High-protein supplementation facilitates weight training-induced bone mineralization in baseball players. <i>Nutrition</i> , 2020 , 75-76, 110760	4.8	1
283	Tetramethylpyrazine reverses high-glucose induced hypoxic effects by negatively regulating HIF-1 α induced BNIP3 expression to ameliorate H9c2 cardiomyoblast apoptosis. <i>Nutrition and Metabolism</i> , 2020 , 17, 12	4.6	35
282	The Clinical Relevance of Frequent Germline Genetic Variants Detected by Targeted Sequencing in Patients With Rectal Adenocarcinoma (READ). <i>Cancer Genomics and Proteomics</i> , 2020 , 17, 291-299	3.3	1
281	Diallyl Trisulfide (DATS) Suppresses AGE-Induced Cardiomyocyte Apoptosis by Targeting ROS-Mediated PKC α Activation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
280	Lower tumorigenesis without life extension in rats receiving lifelong deep ocean minerals. <i>Cancer Medicine</i> , 2020 , 9, 3964-3973	4.8	1
279	Swimming exercise stimulates IGF1/ PI3K/Akt and AMPK/SIRT1/PGC1 β survival signaling to suppress apoptosis and inflammation in aging hippocampus. <i>Aging</i> , 2020 , 12, 6852-6864	5.6	31
278	Aerobic exercise induces tumor suppressor p16 expression of endothelial progenitor cells in human skeletal muscle. <i>Aging</i> , 2020 , 12, 20226-20234	5.6	2
277	Resveratrol enhances therapeutic effect on pancreatic regeneration in diabetes mellitus rats receiving autologous transplantation of adipose-derived stem cells. <i>Chinese Journal of Physiology</i> , 2020 , 63, 122-127	1.6	3
276	Prognostic relevance of programmed cell death 1 ligand 2 (PDCD1LG2/PD-L2) in patients with advanced stage colon carcinoma treated with chemotherapy. <i>Scientific Reports</i> , 2020 , 10, 22330	4.9	4
275	LPS-enhanced IGF-IIR pathway to induce H9c2 cardiomyoblast cell hypertrophy was attenuated by <i>Carthamus tinctorius</i> extract via IGF-IR activation. <i>Environmental Toxicology</i> , 2020 , 35, 145-151	4.2	5
274	The combined inhibition of the CaMKII α and calcineurin signaling cascade attenuates IGF-IIR-induced cardiac hypertrophy. <i>Journal of Cellular Physiology</i> , 2020 , 235, 3539-3547	7	11
273	Protective effects of galangin against H ₂ O ₂ -induced aging via the IGF-1 signaling pathway in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2020 , 35, 115-123	4.2	8
272	Dipeptide IF prevents the effects of hypertension-induced Alzheimer's disease on long-term memory in the cortex of spontaneously hypertensive rats. <i>Environmental Toxicology</i> , 2020 , 35, 570-581	4.2	6
271	Bioactive peptides attenuate cardiac hypertrophy and fibrosis in spontaneously hypertensive rat hearts. <i>Journal of Food and Drug Analysis</i> , 2020 , 28, 94-102	7	6
270	Combinational treatment of all-trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC)-induced apoptosis in liver cancer Hep3B cells. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13122	3.3	19
269	Functional potato bioactive peptide intensifies Nrf2-dependent antioxidant defense against renal damage in hypertensive rats. <i>Food Research International</i> , 2020 , 129, 108862	7	33
268	Deep sea minerals ameliorate diabetic-induced inflammation via inhibition of TNF β signaling pathways. <i>Environmental Toxicology</i> , 2020 , 35, 468-477	4.2	3
267	Role of potato protein hydrolysate and exercise in preventing high-fat diet-induced hepatocyte apoptosis in senescence-accelerated mouse. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13525	3.3	1

266	Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. <i>Molecular Cell</i> , 2020 , 80, 263-278.e7	17.6	30
265	The soybean bioactive peptide VHVV alleviates hypertension-induced renal damage in hypertensive rats via the SIRT1-PGC1 α /Nrf2 pathway. <i>Journal of Functional Foods</i> , 2020 , 75, 104255	5.1	11
264	Protective effects of diallyl trisulfide (DATS) against doxorubicin-induced inflammation and oxidative stress in the brain of rats. <i>Free Radical Biology and Medicine</i> , 2020 , 160, 141-148	7.8	8
263	Inhibition of cell death-inducing p53 target 1 through miR-210-3p overexpression attenuates reactive oxygen species and apoptosis in rat adipose-derived stem cells challenged with Angiotensin II. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 532, 347-354	3.4	1
262	Design, Synthesis, and Structure-Activity Relationships of 1,2,3-Triazole Benzenesulfonamides as New Selective Leucine-Zipper and Sterile- α -Motif Kinase (ZAK) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 2114-2130	8.3	6
261	Protective effects of luteolin against oxidative stress and mitochondrial dysfunction in endothelial cells. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1032-1043	4.5	17
260	D-galactose-induced toxicity associated senescence mitigated by alpinate oxyphyllae fructus fortified adipose-derived mesenchymal stem cells. <i>Environmental Toxicology</i> , 2020 ,	4.2	3
259	Etatenin/LEF1/IGF-IIR Signaling Axis Galvanizes the Angiotensin-II- induced Cardiac Hypertrophy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
258	Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1033-1045	2.9	51
257	ROS- and HIF1 α -dependent IGFBP3 upregulation blocks IGF1 survival signaling and thereby mediates high-glucose-induced cardiomyocyte apoptosis. <i>Journal of Cellular Physiology</i> , 2019 , 234, 13557-13570 ¹⁶	7.7	16
256	Luteolin: A Natural Flavonoid Enhances the Survival of HUVECs against Oxidative Stress by Modulating AMPK/PKC Pathway. <i>The American Journal of Chinese Medicine</i> , 2019 , 47, 541-557	6	16
255	Protective effect of autologous transplantation of resveratrol preconditioned adipose-derived stem cells in the treatment of diabetic liver dysfunction in rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 1629-1640	4.4	9
254	Synergistic cardiac pathological hypertrophy induced by high-salt diet in IGF-IIR α cardiac-specific transgenic rats. <i>PLoS ONE</i> , 2019 , 14, e0216285	3.7	4
253	Detailed insight on β adrenoceptors as therapeutic targets. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 117, 109039	7.5	8
252	High-density lipoprotein ameliorates palmitic acid-induced lipotoxicity and oxidative dysfunction in H9c2 cardiomyoblast cells via ROS suppression. <i>Nutrition and Metabolism</i> , 2019 , 16, 36	4.6	57
251	Insulin-like growth factor II receptor- β is a novel stress-inducible contributor to cardiac damage underpinning doxorubicin-induced oxidative stress and perturbed mitochondrial autophagy. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C235-C243	5.4	14
250	Upregulation of IGF-IIR α intensifies doxorubicin-induced cardiac damage. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16956-16966	4.7	4
249	Casticin inhibits human prostate cancer DU 145 cell migration and invasion via Ras/Akt/NF-B signaling pathways. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12902	3.3	62

248	Ramipril and resveratrol co-treatment attenuates RhoA/ROCK pathway-regulated early-stage diabetic nephropathy-associated glomerulosclerosis in streptozotocin-induced diabetic rats. <i>Environmental Toxicology</i> , 2019 , 34, 861-868	4.2	8
247	Tid1-S attenuates LPS-induced cardiac hypertrophy and apoptosis through ER- α mediated modulation of p-PI3K/p-Akt signaling cascade. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16703-16710	4.7	4
246	<i>Pheretima aspergillum</i> extract attenuates high-KCl-induced mitochondrial injury and pro-fibrotic events in cardiomyoblast cells. <i>Environmental Toxicology</i> , 2019 , 34, 921-927	4.2	5
245	Deep ocean minerals inhibit IL-6 and IGF1R hypertrophic signaling pathways to attenuate diabetes-induced hypertrophy in rat hearts. <i>Journal of Applied Physiology</i> , 2019 , 127, 356-364	3.7	3
244	Fisetin activates Hippo pathway and JNK/ERK/AP-1 signaling to inhibit proliferation and induce apoptosis of human osteosarcoma cells via ZAK overexpression. <i>Environmental Toxicology</i> , 2019 , 34, 902-911	4.2	16
243	Satellite cells depletion in exercising human skeletal muscle is restored by ginseng component Rg1 supplementation. <i>Journal of Functional Foods</i> , 2019 , 58, 27-33	5.1	3
242	Resveratrol increases stem cell function in the treatment of damaged pancreas. <i>Journal of Cellular Physiology</i> , 2019 , 234, 20443-20452	7	10
241	Taiwanin C elicits apoptosis in arecoline and 4-nitroquinoline-1-oxide-induced oral squamous cell carcinoma cells and hinders proliferation via epidermal growth factor receptor/PI3K suppression. <i>Environmental Toxicology</i> , 2019 , 34, 760-767	4.2	3
240	Prognostic relevance of programmed cell death-ligand 1 expression and CD8+ TILs in rectal cancer patients before and after neoadjuvant chemoradiotherapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019 , 145, 1043-1053	4.9	27
239	CHIP attenuates lipopolysaccharide-induced cardiac hypertrophy and apoptosis by promoting NFATc3 proteasomal degradation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 20128-20138	7	9
238	ERK1/2 mediates the lipopolysaccharide-induced upregulation of FGF-2, uPA, MMP-2, MMP-9 and cellular migration in cardiac fibroblasts. <i>Chemico-Biological Interactions</i> , 2019 , 306, 62-69	5	14
237	Ginsenoside Rg1 supplementation clears senescence-associated β -galactosidase in exercising human skeletal muscle. <i>Journal of Ginseng Research</i> , 2019 , 43, 580-588	5.8	16
236	Soya-cerebroside reduces IL-1 β -induced MMP-1 production in chondrocytes and inhibits cartilage degradation: implications for the treatment of osteoarthritis. <i>Food and Agricultural Immunology</i> , 2019 , 30, 620-632	2.9	53
235	Effect of Vasicinone against Paraquat-Induced MAPK/p53-Mediated Apoptosis via the IGF-1R/PI3K/AKT Pathway in a Parkinson's Disease-Associated SH-SY5Y Cell Model. <i>Nutrients</i> , 2019 , 11,	6.7	14
234	Bioactive Peptide VHVV Upregulates the Long-Term Memory-Related Biomarkers in Adult Spontaneously Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
233	Neferine and isoliensinine enhance intracellular uptake of cisplatin and induce ROS-mediated apoptosis in colorectal cancer cells - A comparative study. <i>Food and Chemical Toxicology</i> , 2019 , 132, 110652	4.7	11
232	Inhibition of protein phosphatase 1 stimulates noncanonical ER stress eIF2 α activation to enhance fisetin-induced chemosensitivity in HDAC inhibitor-resistant hepatocellular carcinoma cells. <i>Cancers</i> , 2019 , 11,	6.6	9
231	FOXO1 Regulation of miR-31-5p Confers Oxaliplatin Resistance by Targeting LATS2 in Colorectal Cancer. <i>Cancers</i> , 2019 , 11,	6.6	37

230	Carthamus tinctorius L. extract activates insulin-like growth factor-I receptor signaling to inhibit FAS-death receptor pathway and suppress lipopolysaccharides-induced H9c2 cardiomyoblast cell apoptosis. <i>Environmental Toxicology</i> , 2019 , 34, 1320-1328	4.2	5
229	Taiwanin E Induces Cell Cycle Arrest and Apoptosis in Arecoline/4-NQO-Induced Oral Cancer Cells Through Modulation of the ERK Signaling Pathway. <i>Frontiers in Oncology</i> , 2019 , 9, 1309	5.3	4
228	Plumbagin suppresses endothelial progenitor cell-related angiogenesis in vitro and in vivo. <i>Journal of Functional Foods</i> , 2019 , 52, 537-544	5.1	76
227	Upregulation of tumor PD-L1 by neoadjuvant chemoradiotherapy (neoCRT) confers improved survival in patients with lymph node metastasis of locally advanced rectal cancers. <i>Cancer Immunology, Immunotherapy</i> , 2019 , 68, 283-296	7.4	25
226	Neferine suppresses diethylnitrosamine-induced lung carcinogenesis in Wistar rats. <i>Food and Chemical Toxicology</i> , 2019 , 123, 385-398	4.7	13
225	Overexpression of IGF-IIR regulates cardiac remodeling and aggravates high salt induced apoptosis and fibrosis in transgenic rats. <i>Environmental Toxicology</i> , 2019 , 34, 210-218	4.2	6
224	Alpinia oxyphylla Miq extract ameliorates cardiac fibrosis associated with D-galactose induced aging in rats. <i>Environmental Toxicology</i> , 2019 , 34, 172-178	4.2	9
223	CXCL2/CXCR2 axis induces cancer stem cell characteristics in CPT-11-resistant LoVo colon cancer cells via Gβ2 and Gβ11. <i>Journal of Cellular Physiology</i> , 2019 , 234, 11822-11834	7	31
222	Alpinate Oxyphyllae extracts enhance the longevity and homing of mesenchymal stem cells and augment their protection against senescence in H9c2 cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 12042-12050	7	9
221	Bioactive flavone fisetin attenuates hypertension associated cardiac hypertrophy in H9c2 cells and in spontaneously hypertension rats. <i>Journal of Functional Foods</i> , 2019 , 52, 212-218	5.1	10
220	Protective effect of Fisetin against angiotensin II-induced apoptosis by activation of IGF-IR-PI3K-Akt signaling in H9c2 cells and spontaneous hypertension rats. <i>Phytomedicine</i> , 2019 , 57, 1-8	6.5	19
219	Oral administration of alcalase potato protein hydrolysate-APPH attenuates high fat diet-induced cardiac complications via TGF-β/GSN axis in aging rats. <i>Environmental Toxicology</i> , 2019 , 34, 5-12	4.2	4
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205	HSF1 phosphorylation by ERK/GSK3 suppresses RNF126 to sustain IGF-IIR expression for hypertension-induced cardiomyocyte hypertrophy. <i>Journal of Cellular Physiology</i> , 2018 , 233, 979-989	7	22
204	Neferine modulates IGF-1R/Nrf2 signaling in doxorubicin treated H9c2 cardiomyoblasts. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 1441-1452	4.7	28
203	Synergistic effect of HIF-1 α and FoxO3a trigger cardiomyocyte apoptosis under hyperglycemic ischemia condition. <i>Journal of Cellular Physiology</i> , 2018 , 233, 3660-3671	7	30
202	Short-term hypoxia upregulated Mas receptor expression to repress the AT R signaling pathway and attenuate Ang II-induced cardiomyocyte apoptosis. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 2742-2749	4.7	2
201	Diallyl trisulfide suppresses doxorubicin-induced cardiomyocyte apoptosis by inhibiting MAPK/NF- κ B signaling through attenuation of ROS generation. <i>Environmental Toxicology</i> , 2018 , 33, 93-103	4.2	28
200	The preventive effects of edible folic acid on cardiomyocyte apoptosis and survival in early onset triple-transgenic Alzheimer's disease model mice. <i>Environmental Toxicology</i> , 2018 , 33, 83-92	4.2	11
199	Estrogen and/or Estrogen Receptor α Inhibits BNIP3-Induced Apoptosis and Autophagy in H9c2 Cardiomyoblast Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	17
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195	Inhibition of ERK-Drp1 signaling and mitochondria fragmentation alleviates IGF-IIR-induced mitochondria dysfunction during heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 122, 58-68	5.8	30

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171	High density lipoprotein (HDL) reverses palmitic acid induced energy metabolism imbalance by switching CD36 and GLUT4 signaling pathways in cardiomyocyte. <i>Journal of Cellular Physiology</i> , 2017 , 232, 3020-3029	7	4
170	Lactobacillus paracasei GMNL-32, Lactobacillus reuteri GMNL-89 and L. reuteri GMNL-263 ameliorate hepatic injuries in lupus-prone mice. <i>British Journal of Nutrition</i> , 2017 , 117, 1066-1074	3.6	27
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