

# Chih-Yang Huang

## List of Publications by Year in descending order

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374  
papers

9,388  
citations

50170

46  
h-index

106150

65  
g-index

379  
all docs

379  
docs citations

379  
times ranked

10895  
citing authors



#	ARTICLE	IF	CITATIONS
19	HIV-1 Vpr Triggers Mitochondrial Destruction by Impairing Mfn2-Mediated ER-Mitochondria Interaction. PLoS ONE, 2012, 7, e33657.	1.1	74
20	Inhibitory effect of alpinate Oxyphyllae fructus extracts on Ang II-induced cardiac pathological		

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#	ARTICLE	IF	CITATIONS
37	Purple rice anthocyanin extract protects cardiac function in STZ-induced diabetes rat hearts by inhibiting cardiac hypertrophy and fibrosis. <i>Journal of Nutritional Biochemistry</i> , 2016, 31, 98-105.	1.9	57
38	Decitabine Augments Chemotherapy-Induced PD-L1 Upregulation for PD-L1 Blockade in Colorectal Cancer. <i>Cancers</i> , 2020, 12, 462.	1.7	57
39	Exercise training augments Sirt1-signaling and attenuates cardiac inflammation in D-galactose induced-aging rats. <i>Aging</i> , 2018, 10, 4166-4174.	1.4	56
40	Thymoquinone suppresses migration of LoVo human colon cancer cells by reducing prostaglandin E2 induced COX-2 activation. <i>World Journal of Gastroenterology</i> , 2017, 23, 1171.	1.4	55
41	Eccentric cardiac hypertrophy was induced by long-term intermittent hypoxia in rats. <i>Experimental Physiology</i> , 2007, 92, 409-416.	0.9	53
42	Thymoquinone Induces Apoptosis in Oral Cancer Cells Through P38 <sup>β</sup> Inhibition. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 683-696.	1.5	53
43	Lipopolysaccharide induces cellular hypertrophy through calcineurin/NFAT-3 signaling pathway in H9c2 myocardial cells. <i>Molecular and Cellular Biochemistry</i> , 2008, 313, 167-178.	1.4	51
44	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.	0.9	50
45	Cytosolic high-mobility group box protein 1 (HMGB1) and/or PD-1+TILs in the tumor microenvironment may be contributing prognostic biomarkers for patients with locally advanced rectal cancer who have undergone neoadjuvant chemoradiotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 551-562.	2.0	49
46	Clinical significance of programmed death 1 ligand-1 (CD274/PD-L1) and intra-tumoral CD8+ T-cell infiltration in stage II-III colorectal cancer. <i>Scientific Reports</i> , 2018, 8, 15658.	1.6	49
47	Heat Killed <i>Lactobacillus reuteri</i> GMNL-263 Reduces Fibrosis Effects on the Liver and Heart in High Fat Diet-Hamsters via TGF- $\beta$ 2 Suppression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25881-25896.	1.8	48
48	Synergistic effect of HIF-1 $\alpha$ and FoxO3a trigger cardiomyocyte apoptosis under hyperglycemic ischemia condition. <i>Journal of Cellular Physiology</i> , 2018, 233, 3660-3671.	2.0	48
49	Functional potato bioactive peptide intensifies Nrf2-dependent antioxidant defense against renal damage in hypertensive rats. <i>Food Research International</i> , 2020, 129, 108862.	2.9	48
50	Mitochondrial ROS-induced ERK1/2 activation and HSF2-mediated AT <sub>1</sub> R upregulation are required for doxorubicin-induced cardiotoxicity. <i>Journal of Cellular Physiology</i> , 2018, 233, 463-475.	2.0	47
51	Inhibition of NF- $\kappa$ B and metastasis in irinotecan (CPT-11)-resistant LoVo colon cancer cells by thymoquinone via JNK and p38. <i>Environmental Toxicology</i> , 2017, 32, 669-678.	2.1	46
52	<i>Lactobacillus paracasei</i> GMNL-32, <i>Lactobacillus reuteri</i> GMNL-89 and <i>L. reuteri</i> GMNL-263 ameliorate hepatic injuries in lupus-prone mice. <i>British Journal of Nutrition</i> , 2017, 117, 1066-1074.	1.2	46
53	Protective effect of Coenzyme Q10 On doxorubicin-induced cardiomyopathy of rat hearts. <i>Environmental Toxicology</i> , 2017, 32, 679-689.	2.1	45
54	Lipopolysaccharide upregulates uPA, MMP-2 and MMP-9 via ERK1/2 signaling in H9c2 cardiomyoblast cells. <i>Molecular and Cellular Biochemistry</i> , 2009, 325, 15-23.	1.4	44

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55	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.	1.2	43
56	Effects of short- and long-term hypobaric hypoxia on Bcl2 family in rat heart. <i>International Journal of Cardiology</i> , 2006, 108, 376-384.	0.8	42
57	Hypoxia suppresses myocardial survival pathway through HIF-1 $\alpha$ -IGFBP-3-dependent signaling and enhances cardiomyocyte autophagic and apoptotic effects mainly via FoxO3a-induced BNIP3 expression. <i>Growth Factors</i> , 2016, 34, 73-86.	0.5	42
58	Oolong tea prevents cardiomyocyte loss against hypoxia by attenuating p38/JNK mediated hypertrophy and enhancing IGF1R, Akt, and Bad <sup>ser136</sup> activity and by fortifying NRF2 antioxidation system. <i>Environmental Toxicology</i> , 2018, 33, 220-233.	2.1	42
59	Effects of long-term intermittent hypoxia on mitochondrial and Fas death receptor dependent apoptotic pathways in rat hearts. <i>International Journal of Cardiology</i> , 2007, 116, 348-356.	0.8	41
60	Effects of 17 $\beta$ -estradiol on cardiac apoptosis in ovariectomized rats. <i>Cell Biochemistry and Function</i> , 2010, 28, 521-528.	1.4	41
61	Tetramethylpyrazine Ameliorated Hypoxia-Induced Myocardial Cell Apoptosis via HIF-1 $\alpha$ /JNK/p38 and IGFBP3/BNIP3 Inhibition to Upregulate PI3K/Akt Survival Signaling. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 334-344.	1.1	41
62	Pkc $\delta$ Activation is Involved in ROS-Mediated Mitochondrial Dysfunction and Apoptosis in Cardiomyocytes Exposed to Advanced Glycation End Products (Ages). , 2018, 9, 647.		41
63	Cardiac Fas Receptor-Independent Apoptotic Pathway in Obese Zucker Rats. <i>Obesity</i> , 2007, 15, 2407-2415.	1.5	39
64	Histone acetylation is essential for ANGII-induced IGF1R gene expression in H9c2 cardiomyoblast cells and pathologically hypertensive rat heart. <i>Journal of Cellular Physiology</i> , 2012, 227, 259-268.	2.0	39
65	Fisetin mediated apoptotic cell death in parental and Oxaliplatin/irinotecan resistant colorectal cancer cells in vitro and in vivo. <i>Journal of Cellular Physiology</i> , 2018, 233, 7134-7142.	2.0	39
66	Diallyl trisulfide suppresses doxorubicin-induced cardiomyocyte apoptosis by inhibiting MAPK/NF $\kappa$ B signaling through attenuation of ROS generation. <i>Environmental Toxicology</i> , 2018, 33, 93-103.	2.1	39
67	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.	1.2	39
68	Protective effects of luteolin against oxidative stress and mitochondrial dysfunction in endothelial cells. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1032-1043.	1.1	39
69	Hypoxia-induced compensatory effect as related to Shh and HIF-1 $\alpha$ in ischemia embryo rat heart. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 179-187.	1.4	38
70	Mitochondrial protein ATPase family, AAA domain containing 3A correlates with radioresistance in glioblastoma. <i>Neuro-Oncology</i> , 2013, 15, 1342-1352.	0.6	38
71	Anti-Apoptotic and Pro-Survival Effect of Alpinate Oxyphyllae Fructus (AOF) in a d-Galactose-Induced Aging Heart. <i>International Journal of Molecular Sciences</i> , 2016, 17, 466.	1.8	38
72	Neferine modulates IGF1R/Nrf2 signaling in doxorubicin treated H9c2 cardiomyoblasts. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1441-1452.	1.2	38

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73	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.	2.0	38
74	More Activated Cardiac Mitochondrial-Dependent Apoptotic Pathway in Obese Zucker Rats. <i>Obesity</i> , 2007, 15, 2634-2642.	1.5	37
75	IGF-II/mannose 6-phosphate receptor activation induces metalloproteinase-9 matrix activity and increases plasminogen activator expression in H9c2 cardiomyoblast cells. <i>Journal of Molecular Endocrinology</i> , 2008, 41, 65-74.	1.1	37
76	Protective effect of salidroside on cardiac apoptosis in mice with chronic intermittent hypoxia. <i>International Journal of Cardiology</i> , 2014, 174, 565-573.	0.8	37
77	Andrographis paniculata extract attenuates pathological cardiac hypertrophy and apoptosis in high-fat diet fed mice. <i>Journal of Ethnopharmacology</i> , 2016, 192, 170-177.	2.0	37
78	Neferine prevents NF- $\kappa$ B translocation and protects muscle cells from oxidative stress and apoptosis induced by hypoxia. <i>BioFactors</i> , 2016, 42, 407-417.	2.6	37
79	Doxorubicin attenuates CHIP-guarded HSF1 nuclear translocation and protein stability to trigger IGF-1R-dependent cardiomyocyte death. <i>Cell Death and Disease</i> , 2016, 7, e2455-e2455.	2.7	37
80	Multi-Strain Probiotics Inhibit Cardiac Myopathies and Autophagy to Prevent Heart Injury in High-Fat Diet-Fed Rats. <i>International Journal of Medical Sciences</i> , 2016, 13, 277-285.	1.1	36
81	ZAK re-programs atrial natriuretic factor expression and induces hypertrophic growth in H9c2 cardiomyoblast cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 973-980.	1.0	35
82	Cardiomyoblast apoptosis induced by insulin-like growth factor (IGF)-I resistance is IGF-II dependent and synergistically enhanced by angiotensin II. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1075-1089.	2.2	35
83	Estrogen receptor $\alpha$ (ESR1) over-expression mediated apoptosis in Hep3B cells by binding with SP1 proteins. <i>Journal of Molecular Endocrinology</i> , 2013, 51, 203-212.	1.1	35
84	Lupeol alters ER stress signaling pathway by downregulating ABCG2 expression to induce Oxaliplatin-resistant LoVo colorectal cancer cell apoptosis. <i>Environmental Toxicology</i> , 2018, 33, 587-593.	2.1	35
85	Sumoylation of eukaryotic elongation factor 2 is vital for protein stability and anti-apoptotic activity in lung adenocarcinoma cells. <i>Cancer Science</i> , 2011, 102, 1582-1589.	1.7	34
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91	Decreased Eccentric Exercise-Induced Macrophage Infiltration in Skeletal Muscle after Supplementation with a Class of Ginseng-Derived Steroids. <i>PLoS ONE</i> , 2014, 9, e114649.	1.1	33
92	Effects of oral <i>Lactobacillus</i> administration on antioxidant activities and CD4+CD25+forkhead box P3 (FoxP3)+ T cells in NZB/W F1 mice. <i>British Journal of Nutrition</i> , 2017, 118, 333-342.	1.2	33
93	Neferine suppresses diethylnitrosamine-induced lung carcinogenesis in Wistar rats. <i>Food and Chemical Toxicology</i> , 2019, 123, 385-398.	1.8	33
94	Galangin Reverses H <sub>2</sub> O <sub>2</sub> -Induced Dermal Fibroblast Senescence via SIRT1-PGC-1 $\beta$ /Nrf2 Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1387.	1.8	33
95	Tanshinone IIA Prevents Leu27IGF-II-Induced Cardiomyocyte Hypertrophy Mediated by Estrogen Receptor and Subsequent Akt Activation. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1567-1591.	1.5	32
96	Neferine prevents autophagy induced by hypoxia through activation of Akt/mTOR pathway and Nrf2 in muscle cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1407-1413.	2.5	32
97	Doxorubicin inhibits muscle inflammation after eccentric exercise. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 277-284.	2.9	32
98	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.	2.3	32
99	Protocatechuic Acid from <i>Alpinia oxyphylla</i> Induces Schwann Cell Migration via ERK1/2, JNK and p38 Activation. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 653-665.	1.5	31
100	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.	1.5	31
101	HSF1 phosphorylation by ERK/GSK3 suppresses RNF126 to sustain IGF1R expression for hypertension-induced cardiomyocyte hypertrophy. <i>Journal of Cellular Physiology</i> , 2018, 233, 979-989.	2.0	30
102	Bioactive Peptide Improves Diet-Induced Hepatic Fat Deposition and Hepatocyte Proinflammatory Response in SAMP8 Ageing Mice. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1942-1952.	1.1	30
103	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.	2.0	30
104	INSULIN-LIKE GROWTH FACTOR-II INDUCES HYPERTROPHY OF ADULT CARDIOMYOCYTES VIA TWO ALTERNATIVE PATHWAYS. <i>Cell Biology International</i> , 2002, 26, 737-739.	1.4	29
105	Leu27IGF2 plays an opposite role to IGF1 to induce H9c2 cardiomyoblast cell apoptosis via G $\beta$ q signaling. <i>Journal of Molecular Endocrinology</i> , 2009, 43, 221-230.	1.1	29
106	Anti-apoptotic and pro-survival effect of protocatechuic acid on hypertensive hearts. <i>Chemico-Biological Interactions</i> , 2014, 209, 77-84.	1.7	29
107	ZAK induces cardiomyocyte hypertrophy and brain natriuretic peptide expression via p38/JNK signaling and GATA4/c-Jun transcriptional factor activation. <i>Molecular and Cellular Biochemistry</i> , 2015, 405, 1-9.	1.4	29
108	Anthocyanin Attenuates Doxorubicin-Induced Cardiomyotoxicity via Estrogen Receptor-1 $\beta$ and Stabilizes HSF1 to Inhibit the IGF-1R Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1588.	1.8	29

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109	Inhibition of HSF2 SUMOylation via MEL18 upregulates IGF-IR and leads to hypertension-induced cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2018, 257, 283-290.	0.8	29
110	17 $\beta$ -Estradiol reduces cardiac hypertrophy mediated through the up-regulation of PI3K/Akt and the suppression of calcineurin/NF-AT3 signaling pathways in rats. <i>Life Sciences</i> , 2005, 78, 347-356.	2.0	28
111	An alternative import pathway of AIF to the mitochondria. <i>International Journal of Molecular Medicine</i> , 2012, 29, 365-72.	1.8	28
112	GABA tea prevents cardiac fibrosis by attenuating TNF-alpha and Fas/FasL-mediated apoptosis in streptozotocin-induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2014, 65, 90-96.	1.8	28
113	Lipolysis stimulating peptides of potato protein hydrolysate effectively suppresses high-fat-diet-induced hepatocyte apoptosis and fibrosis in aging rats. <i>Food and Nutrition Research</i> , 2016, 60, 31417.	1.2	28
114	Resveratrol attenuated hydrogen peroxide-induced myocardial apoptosis by autophagic flux. <i>Food and Nutrition Research</i> , 2016, 60, 30511.	1.2	28
115	Cellular apoptosis and cardiac dysfunction in STZ-induced diabetic rats attenuated by anthocyanins via activation of IGF1R/PI3K/Akt survival signaling. <i>Environmental Toxicology</i> , 2017, 32, 2471-2480.	2.1	28
116	ROS and HIF1 $\alpha$ -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.	2.0	28
117	Detailed insight on $\beta$ -adrenoceptors as therapeutic targets. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109039.	2.5	28
118	Insulin-like growth factor-induced hypertrophy of cultured adult rat cardiomyocytes is L-type calcium-channel-dependent. <i>Molecular and Cellular Biochemistry</i> , 2002, 231, 51-59.	1.4	27
119	Effects of insulin replacement on cardiac apoptotic and survival pathways in streptozotocin-induced diabetic rats. <i>Cell Biochemistry and Function</i> , 2009, 27, 479-487.	1.4	27
120	Deep ocean mineral water accelerates recovery from physical fatigue. <i>Journal of the International Society of Sports Nutrition</i> , 2013, 10, 7.	1.7	27
121	Dung-shen ( <i>Codonopsis pilosula</i> ) attenuated the cardiac-impaired insulin-like growth factor II receptor pathway on myocardial cells. <i>Food Chemistry</i> , 2013, 138, 1856-1867.	4.2	27
122	Protective effect of Danggui ( <i>Radix Angelicae Sinensis</i> ) on angiotensin II-induced apoptosis in H9c2 cardiomyoblast cells. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 358.	3.7	27
123	Galangin suppresses H <sub>2</sub> O <sub>2</sub> -induced aging in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2017, 32, 2419-2427.	2.1	27
124	<i>Alpinia oxyphylla</i> Miq. fruit extract activates IGFR-PI3K/Akt signaling to induce Schwann cell proliferation and sciatic nerve regeneration. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 184.	3.7	27
125	Platycodin D Reverses Pathological Cardiac Hypertrophy and Fibrosis in Spontaneously Hypertensive Rats. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 537-549.	1.5	27
126	Apicidin-Resistant HA22T Hepatocellular Carcinoma Cells strongly activated the Wnt/ $\beta$ -Catenin Signaling Pathway and MMP-2 Expression via the IGF-IR/PI3K/Akt Signaling Pathway Enhancing Cell Metastatic Effect. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2397-2404.	0.6	26



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127	Resistance to irinotecan (CPT-11) activates epidermal growth factor receptor/nuclear factor kappa B and increases cellular metastasis and autophagy in LoVo colon cancer cells. <i>Cancer Letters</i> , 2014, 349, 51-60.	3.2	26
128	Ginsenoside Rg1 supplementation clears senescence-associated $\beta$ -galactosidase in exercising human skeletal muscle. <i>Journal of Ginseng Research</i> , 2019, 43, 580-588.	3.0	26
129	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.	1.8	26
130	The soybean bioactive peptide VHWV alleviates hypertension-induced renal damage in hypertensive rats via the SIRT1-PGC1 $\alpha$ /Nrf2 pathway. <i>Journal of Functional Foods</i> , 2020, 75, 104255.	1.6	26
131	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.	1.3	26
132	Aged cells in human skeletal muscle after resistance exercise. <i>Aging</i> , 2018, 10, 1356-1365.	1.4	26
133	ZAK induces MMP-2 activity via JNK/p38 signals and reduces MMP-9 activity by increasing TIMP-1/2 expression in H9c2 cardiomyoblast cells. <i>Molecular and Cellular Biochemistry</i> , 2009, 325, 69-77.	1.4	25
134	Genistein Suppresses the Isoproterenol-Treated H9c2 Cardiomyoblast Cell Apoptosis Associated with P-38, Erk1/2, JNK, and NF- $\kappa$ B Signaling Protein Activation. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 1125-1136.	1.5	25
135	Moderate exercise training attenuates aging-induced cardiac inflammation, hypertrophy and fibrosis injuries of rat hearts. <i>Oncotarget</i> , 2015, 6, 35383-35394.	0.8	25
136	The Heart Protection Effect of Alcalase Potato Protein Hydrolysate Is through IGF1R-PI3K-Akt Compensatory Reactivation in Aging Rats on High Fat Diets. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10158-10172.	1.8	25
137	Rab9-dependent autophagy is required for the IGF1R triggering mitophagy to eliminate damaged mitochondria. <i>Journal of Cellular Physiology</i> , 2018, 233, 7080-7091.	2.0	25
138	Estrogen and/or Estrogen Receptor $\alpha$ Inhibits BNIP3-Induced Apoptosis and Autophagy in H9c2 Cardiomyoblast Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1298.	1.8	25
139	Identification of theranostic factors for patients developing metastasis after surgery for early-stage lung adenocarcinoma. <i>Theranostics</i> , 2021, 11, 3661-3675.	4.6	25
140	Protein phosphatase 2A inactivation induces microsatellite instability, neoantigen production and immune response. <i>Nature Communications</i> , 2021, 12, 7297.	5.8	25
141	Supplementary heat-killed <i>Lactobacillus reuteri</i> GMNL-263 ameliorates hyperlipidaemic and cardiac apoptosis in high-fat diet-fed hamsters to maintain cardiovascular function. <i>British Journal of Nutrition</i> , 2015, 114, 706-712.	1.2	24
142	Hyperphosphate-Induced Myocardial Hypertrophy through the GATA-4/NFAT-3 Signaling Pathway Is Attenuated by ERK Inhibitor Treatment. <i>CardioRenal Medicine</i> , 2015, 5, 79-88.	0.7	24
143	Palmitic acid interferes with energy metabolism balance by adversely switching the SIRT1-CD36-fatty acid pathway to the PKC zeta-GLUT4-glucose pathway in cardiomyoblasts. <i>Journal of Nutritional Biochemistry</i> , 2016, 31, 137-149.	1.9	24
144	Cryptotanshinone (Dsh-003) from <i>Salvia miltiorrhiza</i> Bunge inhibits prostaglandin E $_2$ -induced survival and invasion effects in HA22T hepatocellular carcinoma cells. <i>Environmental Toxicology</i> , 2018, 33, 1254-1260.	2.1	24

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145	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, 1655.	1.7	24
146	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.	2.1	24
147	E4BP4 is a cardiac survival factor and essential for embryonic heart development. <i>Molecular and Cellular Biochemistry</i> , 2010, 340, 187-194.	1.4	23
148	Improved Inflammatory Balance of Human Skeletal Muscle during Exercise after Supplementations of the Ginseng-Based Steroid Rg1. <i>PLoS ONE</i> , 2015, 10, e0116387.	1.1	23
149	Potato protein hydrolysate attenuates high fat diet-induced cardiac apoptosis through SIRT1/PGC-1 $\alpha$ /Akt signalling. <i>Journal of Functional Foods</i> , 2015, 12, 389-398.	1.6	23
150	Platycodon grandiflorum (PG) reverses angiotensin II-induced apoptosis by repressing IGF-1R expression. <i>Journal of Ethnopharmacology</i> , 2017, 205, 41-50.	2.0	23

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163	Tanshinone IIA Inhibits $\beta$ -Catenin Nuclear Translocation and IGF-2R Activation via Estrogen Receptors to Suppress Angiotensin II-Induced H9c2 Cardiomyoblast Cell Apoptosis. <i>International Journal of Medical Sciences</i> , 2017, 14, 1284-1291.	1.1	21
164	Anti-Apoptosis and Anti-Fibrosis Effects of <i>Eriobotrya Japonica</i> in Spontaneously Hypertensive Rat Hearts. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1638.	1.8	21
165	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.	1.7	21
166	Heat-Killed <i>Lactobacillus reuteri</i> GMNL-263 Inhibits Systemic Lupus Erythematosus-Induced Cardiomyopathy in NZB/W F1 Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 51-59.	1.9	21
167	Nerve Regeneration Potential of Protocatechuic Acid in RSC96 Schwann Cells by Induction of Cellular Proliferation and Migration through IGF-1R-PI3K-Akt Signaling. <i>Chinese Journal of Physiology</i> , 2015, 58, 412-419.	0.4	21
168	Dual inhibition of TGF $\beta$ 2 signaling and CSF1/CSF1R reprograms tumor-infiltrating macrophages and improves response to chemotherapy via suppressing PD-L1. <i>Cancer Letters</i> , 2022, 543, 215795.	3.2	21
169	Effects of lactic acid bacteria on cardiac apoptosis are mediated by activation of the phosphatidylinositol-3 kinase/AKT survival-signalling pathway in rats fed a high-fat diet. <i>International Journal of Molecular Medicine</i> , 2015, 35, 460-470.	1.8	20
170	NFIL3 Suppresses Hypoxia-Induced Apoptotic Cell Death by Targeting the Insulin-Like Growth Factor 2 Receptor. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1113-1120.	1.2	20
171	Prolactin protects cardiomyocytes against intermittent hypoxia-induced cell damage by the modulation of signaling pathways related to cardiac hypertrophy and proliferation. <i>International Journal of Cardiology</i> , 2015, 181, 255-266.	0.8	20
172	Protective Effects of Electroacupuncture at Lr3 on Cardiac Hypertrophy and Apoptosis in Hypertensive Rats. <i>Acupuncture in Medicine</i> , 2016, 34, 201-208.	0.4	20
173	Taiwanin E inhibits cell migration in human LoVo colon cancer cells by suppressing MMP-2/9 expression via p38 MAPK pathway. <i>Environmental Toxicology</i> , 2017, 32, 2021-2031.	2.1	20
174	Potential phytoestrogen alternatives exert cardio-protective mechanisms via estrogen		

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181	Design, Synthesis, and Structure-Activity Relationships of 1,2,3-Triazole Benzenesulfonamides as New Selective Leucine-Zipper and Sterile- $\alpha$ -Motif Kinase (ZAK) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2114-2130.	2.9	19
182	Diallyl Trisulfide (DATS) Suppresses AGE-Induced Cardiomyocyte Apoptosis by Targeting ROS-Mediated PKC $\delta$ Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2608.	1.8	19
183	Enhancement of beta-catenin in cardiomyocytes suppresses survival protein expression but promotes apoptosis and fibrosis. <i>Cardiology Journal</i> , 2017, 24, 195-205.	0.5	19
184	The coexistence of nocturnal sustained hypoxia and obesity additively increases cardiac apoptosis. <i>Journal of Applied Physiology</i> , 2008, 104, 1144-1153.	1.2	18
185	Gelsolin (GSN) induces cardiomyocyte hypertrophy and BNP expression via p38 signaling and GATA-4 transcriptional factor activation. <i>Molecular and Cellular Biochemistry</i> , 2014, 390, 263-270.	1.4	18
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