Chih-Yang Huang

List of Publications by Year
in descending order

374 papers	9,388 citations	50276 46 h-index	106344 65 g-index
379 all docs	379 docs citations	379 times ranked	10895 citing authors

#	Article	IF	Citations
1	A review on the effects of current chemotherapy drugs and natural agents in treating nonâ€“small cell		

#	ARTICLE	IF	CITATIONS
19	HIV-1 Vpr Triggers Mitochondrial Destruction by Impairing Mfn2-Mediated ER-Mitochondria Interaction. PLoS ONE, 2012, 7, e33657.	2.5	74
20	Inhibitory effect of alpinate Oxyphyllae fructus extracts on Ang II-induced cardiac pathological		

#	Article	IF	Citations
37	Purple rice anthocyanin extract protects cardiac function in STZ-induced diabetes rat hearts by inhibiting cardiac hypertrophy and fibrosis. Journal of Nutritional Biochemistry, 2016, 31, 98-105.	4.2	57
38	Decitabine Augments Chemotherapy-Induced PD-L1 Upregulation for PD-L1 Blockade in Colorectal Cancer. Cancers, 2020, 12, 462.	3.7	57
39	Exercise training augments Sirt1-signaling and attenuates cardiac inflammation in D-galactose induced-aging rats. Aging, 2018, 10, 4166-4174.	3.1	56
40	Thymoquinone suppresses migration of LoVo human colon cancer cells by reducing prostaglandin E2 induced COX-2 activation. World Journal of Gastroenterology, 2017, 23, 1171.	3.3	55
41	Eccentric cardiac hypertrophy was induced by long-term intermittent hypoxia in rats. Experimental Physiology, 2007, 92, 409-416.	2.0	53
42	Thymoquinone Induces Apoptosis in Oral Cancer Cells Through P38Î² Inhibition. The American Journal of Chinese Medicine, 2013, 41, 683-696.	3.8	53
43	Lipopolysaccharide induces cellular hypertrophy through calcineurin/NFAT-3 signaling pathway in H9c2 myocardiac cells. Molecular and Cellular Biochemistry, 2008, 313, 167-178.	3.1	51
44	Inhibition of ERK-Drp1 signaling and mitochondria fragmentation alleviates IGF-IIR-induced mitochondria dysfunction during heart failure. Journal of Molecular and Cellular Cardiology, 2018, 122, 58-68.	1.9	50
45	Cytosolic high-mobility group box protein 1 (HMGB1) and/or PD-1+â€‰TILs in the tumor microenvironment may be contributing prognostic biomarkers for patients with locally advanced rectal cancer who have undergone neoadjuvant chemoradiotherapy. Cancer Immunology, Immunotherapy, 2018, 67, 551-562.	4.2	49
46	Clinical significance of programmed death 1 ligand-1 (CD274/PD-L1) and intra-tumoral CD8+ T-cell infiltration in stage IIâ€“III colorectal cancer. Scientific Reports, 2018, 8, 15658.	3.3	49
47	Heat Killed Lactobacillus reuteri GMNL-263 Reduces Fibrosis Effects on the Liver and Heart in High Fat Diet-Hamsters via TGF-Î² Suppression. International Journal of Molecular Sciences, 2015, 16, 25881-25896.	4.1	48
48	Synergistic effect of HIFâ€1Î± and FoxO3a trigger cardiomyocyte apoptosis under hyperglycemic ischemia condition. Journal of Cellular Physiology, 2018, 233, 3660-3671.	4.1	48
49	Functional potato bioactive peptide intensifies Nrf2-dependent antioxidant defense against renal damage in hypertensive rats. Food Research International, 2020, 129, 108862.	6.2	48
50	Mitochondrial ROSâ€induced ERK1/2 activation and HSF2â€mediated AT₁R upregulation are required for doxorubicinâ€induced cardiotoxicity. Journal of Cellular Physiology, 2018, 233, 463-475.	4.1	47
51	Inhibition of NFâ€ºB and metastasis in irinotecan (CPTâ€11)â€resistant LoVo colon cancer cells by thymoquinone via JNK and p38. Environmental Toxicology, 2017, 32, 669-678.	4.0	46
52	Lactobacillus paracasei GMNL-32, Lactobacillus reuteri GMNL-89 and L. reuteri GMNL-263 ameliorate hepatic injuries in lupus-prone mice. British Journal of Nutrition, 2017, 117, 1066-1074.	2.3	46
53	Protective effect of Coâ€enzyme Q10 On doxorubicinâ€induced cardiomyopathy of rat hearts. Environmental Toxicology, 2017, 32, 679-689.	4.0	45
54	Lipopolysaccharide upregulates uPA, MMP-2 and MMP-9 via ERK1/2 signaling in H9c2 cardiomyoblast cells. Molecular and Cellular Biochemistry, 2009, 325, 15-23.	3.1	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. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1043-1053.	2.5	43
56	Effects of short- and long-term hypobaric hypoxia on Bcl2 family in rat heart. International Journal of Cardiology, 2006, 108, 376-384.	1.7	42
57	Hypoxia suppresses myocardial survival pathway through HIF-1Î±-IGFBP-3-dependent signaling and enhances cardiomyocyte autophagic and apoptotic effects mainly via FoxO3a-induced BNIP3 expression. Growth Factors, 2016, 34, 73-86.	1.7	42
58	Oolong tea prevents cardiomyocyte loss against hypoxia by attenuating pâ€JNK mediated hypertrophy and enhancing Pâ€IGF1R, pâ€akt, and pâ€Bad^{ser136} activity and by fortifying NRF2 antioxidation system. Environmental Toxicology, 2018, 33, 220-233.	4.0	42
59	Effects of long-term intermittent hypoxia on mitochondrial and Fas death receptor dependent apoptotic pathways in rat hearts. International Journal of Cardiology, 2007, 116, 348-356.	1.7	41
60	Effects of 17betaâ€estradiol on cardiac apoptosis in ovariectomized rats. Cell Biochemistry and Function, 2010, 28, 521-528.	2.9	41
61	Tetramethylpyrazine Ameliorated Hypoxia-Induced Myocardial Cell Apoptosis via HIF-1Î±/JNK/p38 and IGFBP3/BNIP3 Inhibition to Upregulate PI3K/Akt Survival Signaling. Cellular Physiology and Biochemistry, 2015, 36, 334-344.	1.6	41
62	PkcÎ´ 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 Receptorâ€dependent Apoptotic Pathway in Obese Zucker Rats. Obesity, 2007, 15, 2407-2415.	3.0	39
64	Histone acetylation is essential for ANGâ€IIâ€induced IGFâ€IR gene expression in H9c2 cardiomyoblast cells and pathologically hypertensive rat heart. Journal of Cellular Physiology, 2012, 227, 259-268.	4.1	39
65	Fisetin mediated apoptotic cell death in parental and Oxaliplatin/irinotecan resistant colorectal cancer cells in vitro and in vivo. Journal of Cellular Physiology, 2018, 233, 7134-7142.	4.1	39
66	Diallyl trisulfide suppresses doxorubicinâ€induced cardiomyocyte apoptosis by inhibiting MAPK/NFâ€ºB signaling through attenuation of ROS generation. Environmental Toxicology, 2018, 33, 93-103.	4.0	39
67	Combinational treatment of allâ€trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC)â€induced apoptosis in liver cancer Hep3B cells. Journal of Food Biochemistry, 2020, 44, e13122.	2.9	39
68	Protective effects of luteolin against oxidative stress and mitochondrial dysfunction in endothelial cells. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1032-1043.	2.6	39
69	Hypoxia-induced compensatory effect as related to Shh and HIF-1Î± in ischemia embryo rat heart. Molecular and Cellular Biochemistry, 2008, 311, 179-187.	3.1	38
70	Mitochondrial protein ATPase family, AAA domain containing 3A correlates with radioresistance in glioblastoma. Neuro-Oncology, 2013, 15, 1342-1352.	1.2	38
71	Anti-Apoptotic and Pro-Survival Effect of Alpinate Oxyphyllae Fructus (AOF) in a d-Galactose-Induced Aging Heart. International Journal of Molecular Sciences, 2016, 17, 466.	4.1	38
72	Neferine modulates IGFâ€1R/Nrf2 signaling in doxorubicin treated H9c2 cardiomyoblasts. Journal of Cellular Biochemistry, 2018, 119, 1441-1452.	2.6	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. Cancer Immunology, Immunotherapy, 2019, 68, 283-296.	4.2	38
74	More Activated Cardiac Mitochondrialâ€dependent Apoptotic Pathway in Obese Zucker Rats. Obesity, 2007, 15, 2634-2642.	3.0	37
75	IGF-II/mannose 6-phosphate receptor activation induces metalloproteinase-9 matrix activity and increases plasminogen activator expression in H9c2 cardiomyoblast cells. Journal of Molecular Endocrinology, 2008, 41, 65-74.	2.5	37
76	Protective effect of salidroside on cardiac apoptosis in mice with chronic intermittent hypoxia. International Journal of Cardiology, 2014, 174, 565-573.	1.7	37
77	Andrographis paniculata extract attenuates pathological cardiac hypertrophy and apoptosis in high-fat diet fed mice. Journal of Ethnopharmacology, 2016, 192, 170-177.	4.1	37
78	Neferine prevents NFâ€ÎºB translocation and protects muscle cells from oxidative stress and apoptosis induced by hypoxia. BioFactors, 2016, 42, 407-417.	5.4	37
79	Doxorubicin attenuates CHIP-guarded HSF1 nuclear translocation and protein stability to trigger IGF-IIR-dependent cardiomyocyte death. Cell Death and Disease, 2016, 7, e2455-e2455.	6.3	37
80	Multi-Strain Probiotics Inhibit Cardiac Myopathies and Autophagy to Prevent Heart Injury in High-Fat Diet-Fed Rats. International Journal of Medical Sciences, 2016, 13, 277-285.	2.5	36
81	ZAK re-programs atrial natriuretic factor expression and induces hypertrophic growth in H9c2 cardiomyoblast cells. Biochemical and Biophysical Research Communications, 2004, 324, 973-980.	2.1	35
82	Cardiomyoblast apoptosis induced by insulin-like growth factor (IGF)-I resistance is IGF-II dependent and synergistically enhanced by angiotensin II. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1075-1089.	4.9	35
83	Estrogen receptor Î± (ESR1) over-expression mediated apoptosis in Hep3B cells by binding with SP1 proteins. Journal of Molecular Endocrinology, 2013, 51, 203-212.	2.5	35
84	Lupeol alters ER stressâ€signaling pathway by downregulating ABCG2 expression to induce Oxaliplatinâ€resistant LoVo colorectal cancer cell apoptosis. Environmental Toxicology, 2018, 33, 587-593.	4.0	35
85	Sumoylation of eukaryotic elongation factor 2 is vital for protein stability and antiâ€apoptotic activity in lung adenocarcinoma cells. Cancer Science, 2011, 102, 1582-1589.	3.9	34
86			

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91	Decreased Eccentric Exercise-Induced Macrophage Infiltration in Skeletal Muscle after Supplementation with a Class of Ginseng-Derived Steroids. PLoS ONE, 2014, 9, e114649.	2.5	33
92	Effects of oralLactobacillusadministration on antioxidant activities and CD4+CD25+forkhead box P3 (FoxP3)+ T cells in NZB/W F1 mice. British Journal of Nutrition, 2017, 118, 333-342.	2.3	33
93	Neferine suppresses diethylnitrosamine-induced lung carcinogenesis in Wistar rats. Food and Chemical Toxicology, 2019, 123, 385-398.	3.6	33
94	Galangin Reverses H2O2-Induced Dermal Fibroblast Senescence via SIRT1-PGC-1Î±/Nrf2 Signaling. International Journal of Molecular Sciences, 2022, 23, 1387.	4.1	33
95	Tanshinone IIA Prevents Leu27IGF-II-Induced Cardiomyocyte Hypertrophy Mediated by Estrogen Receptor and Subsequent Akt Activation. The American Journal of Chinese Medicine, 2015, 43, 1567-1591.	3.8	32
96	Neferine prevents autophagy induced by hypoxia through activation of Akt/mTOR pathway and Nrf2 in muscle cells. Biomedicine and Pharmacotherapy, 2016, 83, 1407-1413.	5.6	32
97	Doxorubicin inhibits muscle inflammation after eccentric exercise. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 277-284.	7.3	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. Phytomedicine, 2019, 57, 1-8.	5.3	32
99	Protocatechuic Acid from Alpinia oxyphylla Induces Schwann Cell Migration via ERK1/2, JNK and p38 Activation. The American Journal of Chinese Medicine, 2015, 43, 653-665.	3.8	31
100	Luteolin: A Natural Flavonoid Enhances the Survival of HUVECs against Oxidative Stress by Modulating AMPK/PKC Pathway. The American Journal of Chinese Medicine, 2019, 47, 541-557.	3.8	31
101	HSF1 phosphorylation by ERK/GSK3 suppresses RNF126 to sustain IGFâ€IR expression for hypertensionâ€induced cardiomyocyte hypertrophy. Journal of Cellular Physiology, 2018, 233, 979-989.	4.1	30
102	Bioactive Peptide Improves Diet-Induced Hepatic Fat Deposition and Hepatocyte Proinflammatory Response in SAMP8 Ageing Mice. Cellular Physiology and Biochemistry, 2018, 48, 1942-1952.	1.6	30
103	Antioxidant Sirt1/Akt axis expression in resveratrol pretreated adiposeâ€derived stem cells increases regenerative capability in a rat model with cardiomyopathy induced by diabetes mellitus. Journal of Cellular Physiology, 2021, 236, 4290-4302.	4.1	30
104	INSULIN-LIKE GROWTH FACTOR-II INDUCES HYPERTROPHY OF ADULT CARDIOMYOCYTES VIA TWO ALTERNATIVE PATHWAYS. Cell Biology International, 2002, 26, 737-739.	3.0	29
105	Leu27IGF2 plays an opposite role to IGF1 to induce H9c2 cardiomyoblast cell apoptosis via GÎ±q signaling. Journal of Molecular Endocrinology, 2009, 43, 221-230.	2.5	29
106	Anti-apoptotic and pro-survival effect of protocatechuic acid on hypertensive hearts. Chemico-Biological Interactions, 2014, 209, 77-84.	4.0	29
107	ZAK induces cardiomyocyte hypertrophy and brain natriuretic peptide expression via p38/JNK signaling and GATA4/c-Jun transcriptional factor activation. Molecular and Cellular Biochemistry, 2015, 405, 1-9.	3.1	29
108	Anthocyanin Attenuates Doxorubicin-Induced Cardiomyotoxicity via Estrogen Receptor-Î±/Î² and Stabilizes HSF1 to Inhibit the IGF-IIR Apoptotic Pathway. International Journal of Molecular Sciences, 2016, 17, 1588.	4.1	29

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109	Inhibition of HSF2 SUMOylation via MEL18 upregulates IGF-IIR and leads to hypertension-induced cardiac hypertrophy. International Journal of Cardiology, 2018, 257, 283-290.	1.7	29
110	17Î²-Estradiol reduces cardiac hypertrophy mediated through the up-regulation of PI3K/Akt and the suppression of calcineurin/NF-AT3 signaling pathways in rats. Life Sciences, 2005, 78, 347-356.	4.3	28
111	An alternative import pathway of AIF to the mitochondria. International Journal of Molecular Medicine, 2012, 29, 365-72.	4.0	28
112	GABA tea prevents cardiac fibrosis by attenuating TNF-alpha and Fas/FasL-mediated apoptosis in streptozotocin-induced diabetic rats. Food and Chemical Toxicology, 2014, 65, 90-96.	3.6	28
113	Lipolysis stimulating peptides of potato protein hydrolysate effectively suppresses high-fat-diet-induced hepatocyte apoptosis and fibrosis in aging rats. Food and Nutrition Research, 2016, 60, 31417.	2.6	28
114	Resveratrol attenuated hydrogen peroxide-induced myocardial apoptosis by autophagic flux. Food and Nutrition Research, 2016, 60, 30511.	2.6	28
115	Cellular apoptosis and cardiac dysfunction in STZâ€induced diabetic rats attenuated by anthocyanins via activation of IGFIâ€R/PI3K/Akt survival signaling. Environmental Toxicology, 2017, 32, 2471-2480.	4.0	28
116	ROSâ€and HIF1Î±â€dependent IGFBP3 upregulation blocks IGF1 survival signaling and thereby mediates highâ€glucoseâ€induced cardiomyocyte apoptosis. Journal of Cellular Physiology, 2019, 234, 13557-13570.	4.1	28
117	Detailed insight on Î²-adrenoceptors as therapeutic targets. Biomedicine and Pharmacotherapy, 2019, 117, 109039.	5.6	28
118	Insulin-like growth factor-induced hypertrophy of cultured adult rat cardiomyocytes is L-type calcium-channel-dependent. Molecular and Cellular Biochemistry, 2002, 231, 51-59.	3.1	27
119	Effects of insulin replacement on cardiac apoptotic and survival pathways in streptozotocinâ€induced diabetic rats. Cell Biochemistry and Function, 2009, 27, 479-487.	2.9	27
120	Deep ocean mineral water accelerates recovery from physical fatigue. Journal of the International Society of Sports Nutrition, 2013, 10, 7.	3.9	27
121	Dung-shen (Codonopsis pilosula) attenuated the cardiac-impaired insulin-like growth factor II receptor pathway on myocardial cells. Food Chemistry, 2013, 138, 1856-1867.	8.2	27
122	Protective effect of Danggui (Radix Angelicae Sinensis) on angiotensin II-induced apoptosis in H9c2 cardiomyoblast cells. BMC Complementary and Alternative Medicine, 2014, 14, 358.	3.7	27
123	Galangin suppresses H₂O₂â€induced aging in human dermal fibroblasts. Environmental Toxicology, 2017, 32, 2419-2427.	4.0	27
124	Alpinia oxyphylla Miq. fruit extract activates IGFR-PI3K/Akt signaling to induce Schwann cell proliferation and sciatic nerve regeneration. BMC Complementary and Alternative Medicine, 2017, 17, 184.	3.7	27
125	Platycodin D Reverses Pathological Cardiac Hypertrophy and Fibrosis in Spontaneously Hypertensive Rats. The American Journal of Chinese Medicine, 2018, 46, 537-549.	3.8	27
126	Apicidin-Resistant HA22T Hepatocellular Carcinoma Cells strongly activated the Wnt/Î²-Catenin Signaling Pathway and MMP-2 Expression via the IGF-IR/PI3K/Akt Signaling Pathway Enhancing Cell Metastatic Effect. Bioscience, Biotechnology and Biochemistry, 2013, 77, 2397-2404.	1.3	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. Cancer Letters, 2014, 349, 51-60.	7.2	26
128	Ginsenoside Rg1 supplementation clears senescence-associated Î²-galactosidase in exercising human skeletal muscle. Journal of Ginseng Research, 2019, 43, 580-588.	5.7	26
129	Neferine and isoliensinine enhance â€˜intracellular uptake of cisplatinâ€™ and induce â€˜ROS-mediated apoptosisâ€™ in colorectal cancer cells â€“ A comparative study. Food and Chemical Toxicology, 2019, 132, 110652.	3.6	26
130	The soybean bioactive peptide VHVV alleviates hypertension-induced renal damage in hypertensive rats via the SIRT1-PGC1Î±/Nrf2 pathway. Journal of Functional Foods, 2020, 75, 104255.	3.4	26
131	Protective effects of diallyl trisulfide (DATS) against doxorubicin-induced inflammation and oxidative stress in the brain of rats. Free Radical Biology and Medicine, 2020, 160, 141-148.	2.9	26
132	Aged cells in human skeletal muscle after resistance exercise. Aging, 2018, 10, 1356-1365.	3.1	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. Molecular and Cellular Biochemistry, 2009, 325, 69-77.	3.1	25
134	Genistein Suppresses the Isoproterenol-Treated H9c2 Cardiomyoblast Cell Apoptosis Associated with P-38, Erk1/2, JNK, and NFÎB Signaling Protein Activation. The American Journal of Chinese Medicine, 2013, 41, 1125-1136.	3.8	25
135	Moderate exercise training attenuates aging-induced cardiac inflammation, hypertrophy and fibrosis injuries of rat hearts. Oncotarget, 2015, 6, 35383-35394.	1.8	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. International Journal of Molecular Sciences, 2015, 16, 10158-10172.	4.1	25
137	Rab9â€dependent autophagy is required for the IGFâ€IR triggering mitophagy to eliminate damaged mitochondria. Journal of Cellular Physiology, 2018, 233, 7080-7091.	4.1	25
138	Estrogen and/or Estrogen Receptor Î± Inhibits BNIP3-Induced Apoptosis and Autophagy in H9c2 Cardiomyoblast Cells. International Journal of Molecular Sciences, 2018, 19, 1298.	4.1	25
139	Identification of theranostic factors for patients developing metastasis after surgery for early-stage lung adenocarcinoma. Theranostics, 2021, 11, 3661-3675.	10.0	25
140	Protein phosphatase 2A inactivation induces microsatellite instability, neoantigen production and immune response. Nature Communications, 2021, 12, 7297.	12.8	25
141	Supplementary heat-killed Lactobacillus reuteri GMNL-263 ameliorates hyperlipidaemic and cardiac apoptosis in high-fat diet-fed hamsters to maintain cardiovascular function. British Journal of Nutrition, 2015, 114, 706-712.	2.3	24
142	Hyperphosphate-Induced Myocardial Hypertrophy through the GATA-4/NFAT-3 Signaling Pathway Is Attenuated by ERK Inhibitor Treatment. CardioRenal Medicine, 2015, 5, 79-88.	1.9	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. Journal of Nutritional Biochemistry, 2016, 31, 137-149.	4.2	24
144	Cryptotanshinone (Dshâ€003) from Salvia miltiorrhiza Bunge inhibits prostaglandin E2â€induced survival and invasion effects in HA22T hepatocellular carcinoma cells. Environmental Toxicology, 2018, 33, 1254-1260.	4.0	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 Parkinsonâ€™s Disease-Associated SH-SY5Y Cell Model. Nutrients, 2019, 11, 1655.	4.1	24
146	Fisetin activates Hippo pathway and JNK/ERK/APâ€1 signaling to inhibit proliferation and induce apoptosis of human osteosarcoma cells via ZAK overexpression. Environmental Toxicology, 2019, 34, 902-911.	4.0	24
147	E4BP4 is a cardiac survival factor and essential for embryonic heart development. Molecular and Cellular Biochemistry, 2010, 340, 187-194.	3.1	23
148	Improved Inflammatory Balance of Human Skeletal Muscle during Exercise after Supplementations of the Ginseng-Based Steroid Rg1. PLoS ONE, 2015, 10, e0116387.	2.5	23
149	Potato protein hydrolysate attenuates high fat diet-induced cardiac apoptosis through SIRT1/PGC-1Â¡/Akt signalling. Journal of Functional Foods, 2015, 12, 389-398.	3.4	23
150	Platycodon grandiflorum (PG) reverses angiotensin II-induced apoptosis by repressing IGF-IIR expression. Journal of Ethnopharmacology, 2017, 205, 41-50.	4.1	23
151	Structure Based Design of		

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163	Tanshinone IIA Inhibits Î²-Catenin Nuclear Translocation and IGF-2R Activation via Estrogen Receptors to Suppress Angiotensin II-Induced H9c2 Cardiomyoblast Cell Apoptosis. International Journal of Medical Sciences, 2017, 14, 1284-1291.	2.5	21
164	Anti-Apoptosis and Anti-Fibrosis Effects of Eriobotrya Japonica in Spontaneously Hypertensive Rat Hearts. International Journal of Molecular Sciences, 2018, 19, 1638.	4.1	21
165	ERK1/2 mediates the lipopolysaccharide-induced upregulation of FGF-2, uPA, MMP-2, MMP-9 and cellular migration in cardiac fibroblasts. Chemico-Biological Interactions, 2019, 306, 62-69.	4.0	21
166	Heat-Killed Lactobacillus reuteri GMNL-263 Inhibits Systemic Lupus Erythematosusâ€“Induced Cardiomyopathy in NZB/W F1 Mice. Probiotics and Antimicrobial Proteins, 2021, 13, 51-59.	3.9	21
167	Nerve Regeneration Potential of Protocatechuic Acid in RSC96 Schwann Cells by Induction ofCellular Proliferation and Migration through IGF-IR-PI3K-Akt Signaling. Chinese Journal of Physiology, 2015, 58, 412-419.	1.0	21
168	Dual inhibition of TGFÎ² signaling and CSF1/CSF1R reprograms tumor-infiltrating macrophages and improves response to chemotherapy via suppressing PD-L1. Cancer Letters, 2022, 543, 215795.	7.2	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. International Journal of Molecular Medicine, 2015, 35, 460-470.	4.0	20
170	NFIL3 Suppresses Hypoxiaâ€induced Apoptotic Cell Death by Targeting the Insulinâ€like Growth Factor 2 Receptor. Journal of Cellular Biochemistry, 2015, 116, 1113-1120.	2.6	20
171	Prolactin protects cardiomyocytes against intermittent hypoxia-induced cell damage by the modulation of signaling pathways related to cardiac hypertrophy and proliferation. International Journal of Cardiology, 2015, 181, 255-266.	1.7	20
172	Protective Effects of Electroacupuncture at Lr3 on Cardiac Hypertrophy and Apoptosis in Hypertensive Rats. Acupuncture in Medicine, 2016, 34, 201-208.	1.0	20
173	Taiwanin E inhibits cell migration in human LoVo colon cancer cells by suppressing MMP-2/9 expression via p38 MAPK pathway. Environmental Toxicology, 2017, 32, 2021-2031.	4.0	20
174	Potential phytoestrogen alternatives exert cardio-protective mechanismsviaestrogen		

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181	Design, Synthesis, and Structureâ€“Activity Relationships of 1,2,3-Triazole Benzenesulfonamides as New Selective Leucine-Zipper and Sterile-Î± Motif Kinase (ZAK) Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 2114-2130.	6.4	19
182	Diallyl Trisulfide (DATS) Suppresses AGE-Induced Cardiomyocyte Apoptosis by Targeting ROS-Mediated PKCÎ´ Activation. International Journal of Molecular Sciences, 2020, 21, 2608.	4.1	19
183	Enhancement of beta-catenin in cardiomyocytes suppresses survival protein expression but promotes apoptosis and fibrosis. Cardiology Journal, 2017, 24, 195-205.	1.2	19
184	The coexistence of nocturnal sustained hypoxia and obesity additively increases cardiac apoptosis. Journal of Applied Physiology, 2008, 104, 1144-1153.	2.5	18
185	Gelsolin (GSN) induces cardiomyocyte hypertrophy and BNP expression via p38 signaling and GATA-4 transcriptional factor activation. Molecular and Cellular Biochemistry, 2014, 390, 263-270.	3.1	18
186	CREB Negatively Regulates IGF2R Gene Expression and Downstream Pathways to Inhibit Hypoxia-Induced H9c2 Cardiomyoblast Cell Death. International Journal of Molecular Sciences, 2015, 16, 27921-27930.	4.1	18
187	Deep sea minerals prolong life span of streptozotocinâ€induced diabetic rats by compensatory augmentation of the IGFâ€Iâ€survival signaling and inhibition of apoptosis. Environmental Toxicology, 2016, 31, 769-781.	4.0	18
188	Cardiac apoptosis induced under high glucose condition involves activation of IGF2R signaling in H9c2 cardiomyoblasts and streptozotocin-induced diabetic rat hearts. Biomedicine and Pharmacotherapy, 2018, 97, 880-885.	5.6	18
189	Chemoresistance-Associated Silencing of miR-4454 Promotes Colorectal Cancer Aggression through the GNL3L and NF-ÎºB Pathway. Cancers, 2020, 12, 1231.	3.7	18
190	Lumbrokinase from earthworm extract ameliorates second-hand smoke-induced cardiac fibrosis. Environmental Toxicology, 2015, 30, 1216-1225.	4.0	17
191	Downregulated CXCL12 expression in mesenchymal stem cells associated with severe aplastic anemia in children. Annals of Hematology, 2015, 94, 13-22.	1.8	17
192	E2/ER Î² Enhances Calcineurin Protein Degradation and PI3K/Akt/MDM2 Signal Transduction to Inhibit ISO-Induced Myocardial Cell Apoptosis. International Journal of Molecular Sciences, 2017, 18, 892.	4.1	17
193	Inhibition of Cardiac Hypertrophy Effects in D-Galactose-Induced Senescent Hearts byAlpinate Oxyphyllae FructusTreatment. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-12.	1.2	17
194	GABA tea attenuates cardiac apoptosis in spontaneously hypertensive rats (SHR) by enhancing PI3K/Aktâ€mediated survival pathway and suppressing Bax/Bak dependent apoptotic pathway. Environmental Toxicology, 2018, 33, 789-797.	4.0	17
195	Bioactive Peptide VHVV Upregulates the Long-Term Memory-Related Biomarkers in Adult Spontaneously Hypertensive Rats. International Journal of Molecular Sciences, 2019, 20, 3069.	4.1	17
196	Inhibition of protein phosphatase 1 stimulates noncanonical ER stress eIF2Î± activation to enhance fisetin-induced chemosensitivity in HDAC inhibitor-resistant hepatocellular carcinoma cells. Cancers, 2019, 11, 918.	3.7	17
197	Bioactive peptides attenuate cardiac apoptosis in spontaneously hypertensive rat hearts through activation of autophagy and mitochondrial biogenesis pathway. Environmental Toxicology, 2020, 35, 804-810.	4.0	17
198	Platycodin D reverses histone deacetylase inhibitor resistance in hepatocellular carcinoma cells by repressing ERK1/2-mediated cofilin-1 phosphorylation. Phytomedicine, 2021, 82, 153442.	5.3	17

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199	ATAD3A stabilizes GRP78 to suppress ER stress for acquired chemoresistance in colorectal cancer. Journal of Cellular Physiology, 2021, 236, 6481-6495.	4.1	17
200	SENP1 participates in Irinotecan resistance in human colon cancer cells. Journal of Cellular Biochemistry, 2021, 122, 1277-1294.	2.6	17
201	Reduced stem cell aging in exercised human skeletal muscle is enhanced by ginsenoside Rg1. Aging, 2021, 13, 16567-16576.	3.1	17
202	BNIP3 induces IL6 and calcineurin/NFAT3 hypertrophic-related pathways in H9c2 cardiomyoblast cells. Molecular and Cellular Biochemistry, 2010, 345, 241-247.	3.1	16
203	Long-term hypoxia exposure enhanced IGFBP-3 protein synthesis and secretion resulting in cell apoptosis in H9c2 myocardial cells. Growth Factors, 2015, 33, 275-281.	1.7	16
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