

Chih-Yang Huang

List of Publications by Citations

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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	A review on the effects of current chemotherapy drugs and natural agents in treating non-small cell lung cancer. <i>BioMedicine (Taiwan)</i> , 2017 , 7, 23	1.1	217
354	Roles of insulin-like growth factor II in cardiomyoblast apoptosis and in hypertensive rat heart with abdominal aorta ligation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E306-14	6.14	88
353	IGF-II/mannose-6-phosphate receptor signaling induced cell hypertrophy and atrial natriuretic peptide/BNP expression via Galphaq interaction and protein kinase C-alpha/CaMKII activation in H9c2 cardiomyoblast cells. <i>Journal of Endocrinology</i> , 2008 , 197, 381-90	4.7	81
352	Akt mediates 17beta-estradiol and/or estrogen receptor-alpha inhibition of LPS-induced tumor necrosis factor-alpha expression and myocardial cell apoptosis by suppressing the JNK1/2-NFkappaB pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3655-67	5.6	78
351	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
350	ANG II promotes IGF-IIR expression and cardiomyocyte apoptosis by inhibiting HSF1 via JNK activation and SIRT1 degradation. <i>Cell Death and Differentiation</i> , 2014 , 21, 1262-74	12.7	71
349	Inhibitory effect of alpinate <i>Oxyphyllae fructus</i> extracts on Ang II-induced cardiac pathological remodeling-related pathways in H9c2 cardiomyoblast cells. <i>BioMedicine (Taiwan)</i> , 2013 , 3, 148-152	1.1	71
348	HMGB1 promotes ERK-mediated mitochondrial Drp1 phosphorylation for chemoresistance through RAGE in colorectal cancer. <i>Cell Death and Disease</i> , 2018 , 9, 1004	9.8	65
347	ATPase family AAA domain-containing 3A is a novel anti-apoptotic factor in lung adenocarcinoma cells. <i>Journal of Cell Science</i> , 2010 , 123, 1171-80	5.3	64
346	Oxaliplatin resistance in colorectal cancer cells is mediated via activation of ABCG2 to alleviate ER stress induced apoptosis. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5458-5467	7	64
345	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
344	<i>Carthamus tinctorius</i> L. prevents LPS-induced TNFalpha signaling activation and cell apoptosis through JNK1/2-NFkappaB pathway inhibition in H9c2 cardiomyoblast cells. <i>Journal of Ethnopharmacology</i> , 2010 , 130, 505-13	5	62
343	Anti-apoptotic and pro-survival effects of exercise training on hypertensive hearts. <i>Journal of Applied Physiology</i> , 2012 , 112, 883-91	3.7	60
342	Mesenchymal stem cell insights: prospects in cardiovascular therapy. <i>Cell Transplantation</i> , 2014 , 23, 513-29	4.29	58
341	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
340	HIV-1 Vpr triggers mitochondrial destruction by impairing Mfn2-mediated ER-mitochondria interaction. <i>PLoS ONE</i> , 2012 , 7, e33657	3.7	57
339	The multifaceted link between inflammation and human diseases. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6458-6471	7	56

338	Skp2-Mediated RagA Ubiquitination Elicits a Negative Feedback to Prevent Amino-Acid-Dependent mTORC1 Hyperactivation by Recruiting GATOR1. <i>Molecular Cell</i> , 2015 , 58, 989-1000	17.6	55
337	Resveratrol enhanced FOXO3 phosphorylation via synergetic activation of SIRT1 and PI3K/Akt signaling to improve the effects of exercise in elderly rat hearts. <i>Age</i> , 2014 , 36, 9705		55
336	Diallyl trisulfide protects against high glucose-induced cardiac apoptosis by stimulating the production of cystathionine gamma-lyase-derived hydrogen sulfide. <i>International Journal of Cardiology</i> , 2015 , 195, 300-10	3.2	54
335	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
334	Thymoquinone induces caspase-independent, autophagic cell death in CPT-11-resistant lovo colon cancer via mitochondrial dysfunction and activation of JNK and p38. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 1540-6	5.7	53
333	Probiotic-fermented purple sweet potato yogurt activates compensatory IGF-IR/PI3K/Akt survival pathways and attenuates cardiac apoptosis in the hearts of spontaneously hypertensive rats. <i>International Journal of Molecular Medicine</i> , 2013 , 32, 1319-28	4.4	53
332	EGCG protects against oxidized LDL-induced endothelial dysfunction by inhibiting LOX-1-mediated signaling. <i>Journal of Applied Physiology</i> , 2010 , 108, 1745-56	3.7	53
331	Activation of insulin-like growth factor II receptor induces mitochondrial-dependent apoptosis through G(alpha)q and downstream calcineurin signaling in myocardial cells. <i>Endocrinology</i> , 2009 , 150, 2723-31	4.8	53
330	Neferine ameliorates cardiomyoblast apoptosis induced by doxorubicin: possible role in modulating NADPH oxidase/ROS-mediated NF κ B redox signaling cascade. <i>Scientific Reports</i> , 2017 , 7, 12283	4.9	52
329	17 β Estradiol and/or Estrogen Receptor β Attenuate the Autophagic and Apoptotic Effects Induced by Prolonged Hypoxia Through HIF-1 β Mediated BNIP3 and IGFBP-3 Signaling Blockage. <i>Cellular Physiology and Biochemistry</i> , 2015 , 36, 274-84	3.9	52
328	Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1033-1045	2.9	51
327	HGF increases cisplatin resistance via down-regulation of AIF in lung cancer cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 38, 559-65	5.7	50
326	TRAF6 Restricts p53 Mitochondrial Translocation, Apoptosis, and Tumor Suppression. <i>Molecular Cell</i> , 2016 , 64, 803-814	17.6	47
325	Eccentric cardiac hypertrophy was induced by long-term intermittent hypoxia in rats. <i>Experimental Physiology</i> , 2007 , 92, 409-16	2.4	47
324	Exercise training enhanced SIRT1 longevity signaling replaces the IGF1 survival pathway to attenuate aging-induced rat heart apoptosis. <i>Age</i> , 2014 , 36, 9706		44
323	Thymoquinone induces apoptosis in oral cancer cells through p38 β inhibition. <i>The American Journal of Chinese Medicine</i> , 2013 , 41, 683-96	6	44
322	Lipopolysaccharide induces cellular hypertrophy through calcineurin/NFAT-3 signaling pathway in H9c2 myocardial cells. <i>Molecular and Cellular Biochemistry</i> , 2008 , 313, 167-78	4.2	43
321	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	6.3	41

320	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	4.2	40
319	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, 348-56	3.2	40
318	Effects of short- and long-term hypobaric hypoxia on Bcl2 family in rat heart. <i>International Journal of Cardiology</i> , 2006 , 108, 376-84	3.2	39
317	FOXC1 Regulation of miR-31-5p Confers Oxaliplatin Resistance by Targeting LATS2 in Colorectal Cancer. <i>Cancers</i> , 2019 , 11,	6.6	37
316	Histone acetylation is essential for ANG-II-induced IGF-IIR gene expression in H9c2 cardiomyoblast cells and pathologically hypertensive rat heart. <i>Journal of Cellular Physiology</i> , 2012 , 227, 259-68	7	37
315	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, 1171-1179	5.6	37
314	Effects of 17beta-estradiol on cardiac apoptosis in ovariectomized rats. <i>Cell Biochemistry and Function</i> , 2010 , 28, 521-8	4.2	36
313	Cardiac fas receptor-dependent apoptotic pathway in obese Zucker rats. <i>Obesity</i> , 2007 , 15, 2407-15	8	36
312	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
311	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	4.5	35
310	More activated cardiac mitochondrial-dependent apoptotic pathway in obese Zucker rats. <i>Obesity</i> , 2007 , 15, 2634-42	8	35
309	Hypoxia-induced compensatory effect as related to Shh and HIF-1alpha in ischemia embryo rat heart. <i>Molecular and Cellular Biochemistry</i> , 2008 , 311, 179-87	4.2	35
308	Tetramethylpyrazine Ameliorated Hypoxia-Induced Myocardial Cell Apoptosis via HIF-1 α /JNK/p38 and IGFBP3/BNIP3 Inhibition to Upregulate PI3K/Akt Survival Signaling. <i>Cellular Physiology and Biochemistry</i> , 2015 , 36, 334-44	3.9	34
307	Heat Killed Lactobacillus reuteri GMNL-263 Reduces Fibrosis Effects on the Liver and Heart in High Fat Diet-Hamsters via TGF- β Suppression. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 25881-96	6.3	34
306	Protective effect of Co-enzyme Q10 On doxorubicin-induced cardiomyopathy of rat hearts. <i>Environmental Toxicology</i> , 2017 , 32, 679-689	4.2	33
305	Protective effect of salidroside on cardiac apoptosis in mice with chronic intermittent hypoxia. <i>International Journal of Cardiology</i> , 2014 , 174, 565-73	3.2	33
304	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, 1075-89	5.4	33
303	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

302	Inhibition of NF- κ 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	4.2	32
301	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	7.4	32
300	Mitochondrial ROS-induced ERK1/2 activation and HSF2-mediated AT R upregulation are required for doxorubicin-induced cardiotoxicity. <i>Journal of Cellular Physiology</i> , 2018 , 233, 463-475	7	32
299	Exercise training augments Sirt1-signaling and attenuates cardiac inflammation in D-galactose induced-aging rats. <i>Aging</i> , 2018 , 10, 4166-4174	5.6	32
298	Possible pathophysiology of heart failure in obesity: Cardiac apoptosis. <i>BioMedicine (Taiwan)</i> , 2012 , 2, 36-40	1.1	31
297	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
296	CXCL2/CXCR2 axis induces cancer stem cell characteristics in CPT-11-resistant LoVo colon cancer cells via G β 2 and G β 11. <i>Journal of Cellular Physiology</i> , 2019 , 234, 11822-11834	7	31
295	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
294	Doxorubicin attenuates CHIP-guarded HSF1 nuclear translocation and protein stability to trigger IGF-IIR-dependent cardiomyocyte death. <i>Cell Death and Disease</i> , 2016 , 7, e2455	9.8	30
293	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
292	Estrogen receptor α (ESR1) over-expression mediated apoptosis in Hep3B cells by binding with SP1 proteins. <i>Journal of Molecular Endocrinology</i> , 2013 , 51, 203-12	4.5	30
291	Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. <i>Molecular Cell</i> , 2020 , 80, 263-278.e7	17.6	30
290	Neferine prevents NF- κ B translocation and protects muscle cells from oxidative stress and apoptosis induced by hypoxia. <i>BioFactors</i> , 2016 , 42, 407-17	6.1	30
289	Oolong tea prevents cardiomyocyte loss against hypoxia by attenuating p-JNK mediated hypertrophy and enhancing P-IGF1R, p-akt, and p-Bad activity and by fortifying NRF2 antioxidation system. <i>Environmental Toxicology</i> , 2018 , 33, 220-233	4.2	30
288	Decitabine Augments Chemotherapy-Induced PD-L1 Upregulation for PD-L1 Blockade in Colorectal Cancer. <i>Cancers</i> , 2020 , 12,	6.6	28
287	Neferine modulates IGF-1R/Nrf2 signaling in doxorubicin treated H9c2 cardiomyoblasts. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 1441-1452	4.7	28
286	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
285	Mitochondrial protein ATPase family, AAA domain containing 3A correlates with radioresistance in glioblastoma. <i>Neuro-Oncology</i> , 2013 , 15, 1342-52	1	28

284	Hypoxia suppresses myocardial survival pathway through HIF-1 β /GFPB-3-dependent signaling and enhances cardiomyocyte autophagic and apoptotic effects mainly via FoxO3a-induced BNIP3 expression. <i>Growth Factors</i> , 2016 , 34, 73-86	1.6	28
283	Andrographis paniculata extract attenuates pathological cardiac hypertrophy and apoptosis in high-fat diet fed mice. <i>Journal of Ethnopharmacology</i> , 2016 , 192, 170-177	5	28
282	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
281	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
280	p53-mediated miR-18 repression activates HSF2 for IGF-IIR-dependent myocyte hypertrophy in hypertension-induced heart failure. <i>Cell Death and Disease</i> , 2017 , 8, e2990	9.8	27
279	Leu27IGF2 plays an opposite role to IGF1 to induce H9c2 cardiomyoblast cell apoptosis via Galphaq signaling. <i>Journal of Molecular Endocrinology</i> , 2009 , 43, 221-30	4.5	27
278	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, 277-85	3.7	27
277	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	4.9	27
276	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, 1567-91	6	26
275	Effects of insulin replacement on cardiac apoptotic and survival pathways in streptozotocin-induced diabetic rats. <i>Cell Biochemistry and Function</i> , 2009 , 27, 479-87	4.2	26
274	Insulin-like growth factor-II induces hypertrophy of adult cardiomyocytes via two alternative pathways. <i>Cell Biology International</i> , 2002 , 26, 737-9	4.5	26
273	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	7	25
272	Pkc β Activation is Involved in ROS-Mediated Mitochondrial Dysfunction and Apoptosis in Cardiomyocytes Exposed to Advanced Glycation End Products (Ages) 2018 , 9, 647-663		25
271	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	3.7	25
270	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, 1582-9	6.9	25
269	17beta-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, 347-56	6.8	25
268	ZAK re-programs atrial natriuretic factor expression and induces hypertrophic growth in H9c2 cardiomyoblast cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 973-80	3.4	25
267	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

266	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	4.2	24
265	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, 653-65	6	24
264	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	7.5	24
263	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	3.9	24
262	Hepatoprotective Effects of Swimming Exercise against D-Galactose-Induced Senescence Rat Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 275431	2.3	24
261	An alternative import pathway of AIF to the mitochondria. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 365-72	4.4	24
260	Transforming growth factor-beta induces the expression of ANF and hypertrophic growth in cultured cardiomyoblast cells through ZAK. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 424-31	3.4	24
259	Anthocyanin Attenuates Doxorubicin-Induced Cardiomyotoxicity via Estrogen Receptor- β and Stabilizes HSF1 to Inhibit the IGF-IIR Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	24
258	Doxorubicin inhibits muscle inflammation after eccentric exercise. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 277-284	10.3	23
257	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	3.1	23
256	Anti-apoptotic and pro-survival effect of protocatechuic acid on hypertensive hearts. <i>Chemico-Biological Interactions</i> , 2014 , 209, 77-84	5	23
255	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	4.7	23
254	Anti-Apoptotic and Pro-Survival Effect of <i>Alpinia Oxyphyllae Fructus</i> (AOF) in a d-Galactose-Induced Aging Heart. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 466	6.3	23
253	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, 10158-72	6.3	22
252	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
251	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	9.9	22
250	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, 706-12	3.6	22
249	Deep ocean mineral water accelerates recovery from physical fatigue. <i>Journal of the International Society of Sports Nutrition</i> , 2013 , 10, 7	4.5	22

248	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, 90-6	4.7	22
247	Genistein suppresses the isoproterenol-treated H9c2 cardiomyoblast cell apoptosis associated with P-38, Erk1/2, JNK, and NFB signaling protein activation. <i>The American Journal of Chinese Medicine</i> , 2013 , 41, 1125-36	6	22
246	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	2.8	21
245	Resveratrol attenuated hydrogen peroxide-induced myocardial apoptosis by autophagic flux. <i>Food and Nutrition Research</i> , 2016 , 60, 30511	3.1	21
244	Effects of oral Lactobacillus 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	3.6	21
243	Apicidin-resistant HA22T hepatocellular carcinoma cells strongly activated the Wnt/ β -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, 2397-404	2.1	21
242	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, 51-9	4.2	21
241	Potato protein hydrolysate attenuates high fat diet-induced cardiac apoptosis through SIRT1/PGC-1 α /Akt signalling. <i>Journal of Functional Foods</i> , 2015 , 12, 389-398	5.1	20
240	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, 1856-67	8.5	20
239	Alpinia oxyphylla 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	4.7	20
238	Mechanisms governing the protective effect of 17 β -estradiol and estrogen receptors against cardiomyocyte injury. <i>BioMedicine (Taiwan)</i> , 2011 , 1, 21-28	1.1	20
237	Nerve Regeneration Potential of Protocatechuic Acid in RSC96 Schwann Cells by Induction of Cellular Proliferation and Migration through IGF-IR-PI3K-Akt Signaling. <i>Chinese Journal of Physiology</i> , 2015 , 58, 412-9	1.6	20
236	Inhibition of HSF2 SUMOylation via MEL18 upregulates IGF-IIR and leads to hypertension-induced cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2018 , 257, 283-290	3.2	20
235	H3 ubiquitination by NEDD4 regulates H3 acetylation and tumorigenesis. <i>Nature Communications</i> , 2017 , 8, 14799	17.4	19
234	Danshen mediates through estrogen receptors to activate Akt and inhibit apoptosis effect of Leu27IGF-II-induced IGF-II receptor signaling activation in cardiomyoblasts. <i>Food and Chemical Toxicology</i> , 2013 , 56, 28-39	4.7	19
233	Cellular apoptosis and cardiac dysfunction in STZ-induced diabetic rats attenuated by anthocyanins via activation of IGF-I-R/PI3K/Akt survival signaling. <i>Environmental Toxicology</i> , 2017 , 32, 2471-2480	4.2	19
232	Down-regulation of β -catenin and the associated migration ability by Taiwanin C in arecoline and 4-NQO-induced oral cancer cells via GSK-3 β activation. <i>Molecular Carcinogenesis</i> , 2017 , 56, 1055-1067	5	19
231	Potential phytoestrogen alternatives exert cardio-protective mechanisms via estrogen receptors. <i>BioMedicine (Taiwan)</i> , 2017 , 7, 11	1.1	19

230	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	4.2	19
229	Aged cells in human skeletal muscle after resistance exercise. <i>Aging</i> , 2018 , 10, 1356-1365	5.6	19
228	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
227	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
226	Platycodon grandiflorum (PG) reverses angiotensin II-induced apoptosis by repressing IGF-IIR expression. <i>Journal of Ethnopharmacology</i> , 2017 , 205, 41-50	5	18
225	Alpinate oxyphyllae fructus (<i>Alpinia Oxyphylla</i> Miq) extracts inhibit angiotensin-II induced cardiac apoptosis in H9c2 cardiomyoblast cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013 , 77, 229-34	2.1	18
224	Moderate exercise training attenuates aging-induced cardiac inflammation, hypertrophy and fibrosis injuries of rat hearts. <i>Oncotarget</i> , 2015 , 6, 35383-94	3.3	18
223	Lipolysis-stimulating peptide-VHVV ameliorates high fat diet induced hepatocyte apoptosis and fibrosis. <i>Journal of Functional Foods</i> , 2014 , 11, 482-492	5.1	18
222	E4BP4 is a cardiac survival factor and essential for embryonic heart development. <i>Molecular and Cellular Biochemistry</i> , 2010 , 340, 187-94	4.2	18
221	The coexistence of nocturnal sustained hypoxia and obesity additively increases cardiac apoptosis. <i>Journal of Applied Physiology</i> , 2008 , 104, 1144-53	3.7	18
220	Rab9-dependent autophagy is required for the IGF-IIR triggering mitophagy to eliminate damaged mitochondria. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7080-7091	7	17
219	Protective effects of electroacupuncture at LR3 on cardiac hypertrophy and apoptosis in hypertensive rats. <i>Acupuncture in Medicine</i> , 2016 , 34, 201-8	1.9	17
218	Estrogen and/or Estrogen Receptor 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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215	Deep sea minerals prolong life span of streptozotocin-induced diabetic rats by compensatory augmentation of the IGF-I-survival signaling and inhibition of apoptosis. <i>Environmental Toxicology</i> , 2016 , 31, 769-81	4.2	17
214	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, 137-49	6.3	17
213	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

212	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	6	16
211	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
210	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
209	Tanshinone IIA Inhibits β 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	3.7	16
208	Platycodin D Reverses Pathological Cardiac Hypertrophy and Fibrosis in Spontaneously Hypertensive Rats. <i>The American Journal of Chinese Medicine</i> , 2018 , 46, 537-549	6	16
207	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
206	Estradiol agonists inhibit human LoVo colorectal-cancer cell proliferation and migration through p53. <i>World Journal of Gastroenterology</i> , 2014 , 20, 16665-73	5.6	16
205	Heat-killed Lactobacillus Reuteri GMNL-263 Prevents Epididymal Fat Accumulation and Cardiac Injury in High-Calorie Diet-Fed Rats. <i>International Journal of Medical Sciences</i> , 2016 , 13, 569-77	3.7	16
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203	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, 255-66	3.2	15
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192	Lumbrokinase from earthworm extract ameliorates second-hand smoke-induced cardiac fibrosis. <i>Environmental Toxicology</i> , 2015 , 30, 1216-25	4.2	14
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