

Wei-Wen Kuo

List of Publications by Year in descending order

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207
papers

5,655
citations

76196

40
h-index

149479

56
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208
all docs

208
docs citations

208
times ranked

6947
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbed ER homeostasis by IGF-1R [±] promotes cardiac damage under stresses. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 143-152.	1.4	1
2	Aqueous extract of <i>Solanum nigrum</i> attenuates Angiotensin-II induced cardiac hypertrophy and improves cardiac function by repressing protein kinase C- η to restore HSF2 deSUMOylation and Mel-18-IGF-1R signaling suppression. <i>Journal of Ethnopharmacology</i> , 2022, 284, 114728.	2.0	7
3	Tanshinone inhibits Leu27IGF [±] -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.	2.1	6
4	Novel anti-aging herbal formulation Jing Si displays pleiotropic effects against aging associated disorders. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112427.	2.5	12
5	Calycosin alleviates H ₂ O ₂ -induced astrocyte injury by restricting oxidative stress through the Akt/Nrf2/HO signaling pathway. <i>Environmental Toxicology</i> , 2022, 37, 858-867.	2.1	20
6	Galangin Reverses H ₂ O ₂ -Induced Dermal Fibroblast Senescence via SIRT1-PGC-1 [±] /Nrf2 Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1387.	1.8	33
7	Carboxyl terminus of HSP70 interacting protein attenuates advanced glycation end products-induced cardiac injuries by promoting NF κ B proteasomal degradation. <i>Journal of Cellular Physiology</i> , 2022, 237, 1888-1901.	2.0	5
8	Isoliquiritigenin ameliorates advanced glycation end products toxicity on renal proximal tubular epithelial cells. <i>Environmental Toxicology</i> , 2022, 37, 2096-2102.	2.1	7
9	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
10	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.	2.0	14
11	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.	4.4	13
12	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.	2.0	6
13	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.	1.8	9
14	Extracts of <i>Jasminum sambac</i> flowers fermented by <i>Lactobacillus rhamnosus</i> inhibit H ₂ O ₂ -induced and UVB-induced aging in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2021, 36, 607-619.	2.1	15
15	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.	2.1	12
16	<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.	2.1	11
17	D-galactose-induced toxicity associated senescence mitigated by alpinate oxyphyllae fructus fortified adipose-derived mesenchymal stem cells. <i>Environmental Toxicology</i> , 2021, 36, 86-94.	2.1	6
18	Leech extract: A candidate cardioprotective against hypertension-induced cardiac hypertrophy and fibrosis. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113346.	2.0	14

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19	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.	2.1	23
20	Calmodulin/CaMKII β mediates prosurvival capability in apicidin-resistant hepatocellular carcinoma cells via ERK1/2/CREB/c-Jun signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 612-625.	1.2	8
21	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.	1.9	9
22	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.	1.8	16
23	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.	2.1	6
24	Small Molecule Compound Nerolidol attenuates Hypertension induced hypertrophy in spontaneously hypertensive rats through modulation of Mel-18-IGF-1R signalling. <i>Phytomedicine</i> , 2021, 84, 153450.	2.3	8
25	Epimedium promotes steroidogenesis by CREB activation-mediated mitochondrial fusion in endosulfan treated leydig cells. <i>Environmental Toxicology</i> , 2021, 36, 1873-1879.	2.1	3
26	E3 ligase activity of Carboxyl terminus of Hsc70 interacting protein (CHIP) in Wharton's 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.	3.9	14
27	Exercise renovates H2S and Nrf2-related antioxidant pathways to suppress apoptosis in the natural ageing process of male rat cortex. <i>Biogerontology</i> , 2021, 22, 495-506.	2.0	10
28	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.	1.3	8
29	Leu ²⁷ IGF1-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.	2.1	4
30	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.	1.2	7
31	Diallyl Trisulfide Suppresses High-Glucose-Induced Cardiomyocyte Apoptosis by Targeting Reactive Oxygen Species-Mediated Hypoxia-Inducible Factor-1 α /Insulin-like Growth Factor Binding Protein 3 Activation. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11696-11708.	2.4	5
32	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
33	Protective effects of galangin against H ₂ O ₂ /UVB-induced dermal fibroblast collagen degradation via hsa-microRNA-4535-mediated TGF β ² /Smad signaling. <i>Aging</i> , 2021, 13, 25342-25364.	1.4	8
34	The combined inhibition of the CaMKII β and calcineurin signaling cascade attenuates IGF1R-induced cardiac hypertrophy. <i>Journal of Cellular Physiology</i> , 2020, 235, 3539-3547.	2.0	16
35	Protective effects of galangin against H ₂ O ₂ -induced aging via the IGF1 signaling pathway in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2020, 35, 115-123.	2.1	15
36	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.	1.2	6

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37	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.	1.6	26
38	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
39	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.	1.0	5
40	Danshen (<i>Salvia miltiorhiza</i>) inhibits Leu27 IGF α 1 α induced hypertrophy in H9c2 cells. <i>Environmental Toxicology</i> , 2020, 35, 1043-1049.	2.1	2
41	Chemoresistance-Associated Silencing of miR-4454 Promotes Colorectal Cancer Aggression through the GNL3L and NF- κ B Pathway. <i>Cancers</i> , 2020, 12, 1231.	1.7	18
42	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, 3366.	1.8	3
43	Induction of Autophagy by Vasicinone Protects Neural Cells from Mitochondrial Dysfunction and Attenuates Paraquat-Mediated Parkinson's Disease Associated α -Synuclein Levels. <i>Nutrients</i> , 2020, 12, 1707.	1.7	20
44	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.	2.1	17
45	Parkinson's disease a futile entangle of Mankind's credence on an herbal remedy: A review. <i>Life Sciences</i> , 2020, 257, 118019.	2.0	0
46	Andrographolide mitigates cardiac apoptosis to provide cardio α protection in high α fat α diet α induced obese mice. <i>Environmental Toxicology</i> , 2020, 35, 707-713.	2.1	10
47	Diallyl Trisulfide (DATS) Suppresses AGE-Induced Cardiomyocyte Apoptosis by Targeting ROS-Mediated PKC β Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2608.	1.8	19
48	Swimming exercise stimulates IGF1/ PI3K/Akt and AMPK/SIRT1/PGC1 α survival signaling to suppress apoptosis and inflammation in aging hippocampus. <i>Aging</i> , 2020, 12, 6852-6864.	1.4	76
49	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
50	Bioactive Peptide VHVV Upregulates the Long-Term Memory-Related Biomarkers in Adult Spontaneously Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3069.	1.8	17
51	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, 918.	1.7	17
52	FOXC1 Regulation of miR-31-5p Confers Oxaliplatin Resistance by Targeting LATS2 in Colorectal Cancer. <i>Cancers</i> , 2019, 11, 1576.	1.7	58
53	β -catenin/LEF1/IGF-1R Signaling Axis Galvanizes the Angiotensin-II- induced Cardiac Hypertrophy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4288.	1.8	13
54	ROS α and HIF1 α α dependent IGFBP3 upregulation blocks IGF1 survival signaling and thereby mediates high α glucose α induced cardiomyocyte apoptosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 13557-13570.	2.0	28

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55	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
56	Synergistic cardiac pathological hypertrophy induced by high-salt diet in IGF-1R ^{-/-} cardiac-specific transgenic rats. <i>PLoS ONE</i> , 2019, 14, e0216285.	1.1	11
57	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.	1.3	82
58	Insulin-like growth factor II receptor-1 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.	2.1	22
59	Upregulation of IGF-1R ^{-/-} intensifies doxorubicin-induced cardiac damage. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16956-16966.	1.2	9
60	CHIP attenuates lipopolysaccharide-induced cardiac hypertrophy and apoptosis by promoting NFATc3 proteasomal degradation. <i>Journal of Cellular Physiology</i> , 2019, 234, 20128-20138.	2.0	15
61	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
62	Overexpression of IGF-1R ^{-/-} regulates cardiac remodeling and aggravates high salt induced apoptosis and fibrosis in transgenic rats. <i>Environmental Toxicology</i> , 2019, 34, 210-218.	2.1	12
63	<i>Alpinia oxyphylla</i> Miq extract ameliorates cardiac fibrosis associated with D-galactose induced aging in rats. <i>Environmental Toxicology</i> , 2019, 34, 172-178.	2.1	15
64	CXCL2/CXCR2 axis induces cancer stem cell characteristics in CPT-11-resistant LoVo colon cancer cells via G1 ⁱ and G1 ^q /11. <i>Journal of Cellular Physiology</i> , 2019, 234, 11822-11834.	2.0	59
65	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.	1.6	14
66	Overexpression of ZAK1 ² in human osteosarcoma cells enhances ZAK1 ¹ expression, resulting in a synergistic apoptotic effect. <i>Cell Biochemistry and Function</i> , 2018, 36, 176-182.	1.4	1
67	Rab9-dependent autophagy is required for the IGF-1R triggering mitophagy to eliminate damaged mitochondria. <i>Journal of Cellular Physiology</i> , 2018, 233, 7080-7091.	2.0	25
68	Data supporting the angiotensin II activates MEL18 to deSUMOylate HSF2 for hypertension-related heart failure. <i>Data in Brief</i> , 2018, 16, 521-526.	0.5	5
69	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
70	Mitochondrial ROS-induced ERK1/2 activation and HSF2-mediated AT ₁ R upregulation are required for doxorubicin-induced cardiotoxicity. <i>Journal of Cellular Physiology</i> , 2018, 233, 463-475.	2.0	47
71	HSF1 phosphorylation by ERK/GSK3 suppresses RNF126 to sustain IGF-1R expression for hypertension-induced cardiomyocyte hypertrophy. <i>Journal of Cellular Physiology</i> , 2018, 233, 979-989.	2.0	30
72	Synergistic effect of HIF-1 ¹ and FoxO3a trigger cardiomyocyte apoptosis under hyperglycemic ischemia condition. <i>Journal of Cellular Physiology</i> , 2018, 233, 3660-3671.	2.0	48

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73	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.	2.1	39
74	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.	2.1	14
75	Stem cells rescue cardiomyopathy induced by <i>P. gingivalis</i> LPS via miR-181b. <i>Journal of Cellular Physiology</i> , 2018, 233, 5869-5876.	2.0	9
76	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.	2.0	119
77	Doxorubicin induces ZAK overexpression with a subsequent enhancement of apoptosis and attenuation of survivability in human osteosarcoma cells. <i>Environmental Toxicology</i> , 2018, 33, 191-197.	2.1	3
78	Acute hypoxic preconditioning prevents palmitic acid-induced cardiomyocyte apoptosis via switching metabolic GLUT4-glucose pathway back to CD36-fatty acid dependent. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3363-3372.	1.2	13
79	Fenofibrate induced PPAR alpha expression was attenuated by oestrogen receptor alpha overexpression in Hep3B cells. <i>Environmental Toxicology</i> , 2018, 33, 234-247.	2.1	12
80	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.	0.8	29
81	Oolong tea prevents cardiomyocyte loss against hypoxia by attenuating p38/JNK mediated hypertrophy and enhancing P-ERK1/2, p-Akt, and p-Bad ^{ser136} activity and by fortifying NRF2 antioxidation system. <i>Environmental Toxicology</i> , 2018, 33, 220-233.	2.1	42
82	A minireview of E4BP4/NFIL3 in heart failure. <i>Journal of Cellular Physiology</i> , 2018, 233, 8458-8466.	2.0	9
83	ER β targets ZAK and attenuates cellular hypertrophy via SUMO1 modification in H9c2 cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7855-7864.	1.2	10
84	<i>Eriobotrya japonica</i> ameliorates cardiac hypertrophy in H9c2 cardiomyoblast and in spontaneously hypertensive rats. <i>Environmental Toxicology</i> , 2018, 33, 1113-1122.	2.1	16
85	17 β -Estradiol and/or estrogen receptor alpha signaling blocks protein phosphatase 1 mediated ISO induced cardiac hypertrophy. <i>PLoS ONE</i> , 2018, 13, e0196569.	1.1	14
86	Pkc δ Activation is Involved in ROS-Mediated Mitochondrial Dysfunction and Apoptosis in Cardiomyocytes Exposed to Advanced Glycation End Products (Ages)., 2018, 9, 647.		41
87	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
88	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
89	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
90	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.	2.1	46

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91	Platycodon grandiflorum (PG) reverses angiotensin II-induced apoptosis by repressing IGF-IIR expression. <i>Journal of Ethnopharmacology</i> , 2017, 205, 41-50.	2.0	23
92	Green tea epigallocatechin gallate enhances cardiac function restoration through survival signaling expression in diabetes mellitus rats with autologous adipose tissue-derived stem cells. <i>Journal of Applied Physiology</i> , 2017, 123, 1081-1091.	1.2	15
93	Short-Term Hypoxia Reverses Oxâ€LDLâ€Induced CD36 and GLUT4 Switching Metabolic Pathways in H9c2 Cardiomyoblast Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3785-3795.	1.2	7
94	Galangin suppresses H ₂ O ₂ -induced aging in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2017, 32, 2419-2427.	2.1	27
95	Tanshinone-induced ERs suppresses IGFII activation to alleviate Ang II-mediated cardiac hypertrophy. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 493-499.	1.3	12
96	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-e2990.	2.7	34
97	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
98	Nrf2 Activation as a Protective Feedback to Limit Cell Death in High Glucose-Exposed Cardiomyocytes. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1659-1669.	1.2	21
99	Potential phytoestrogen alternatives exert cardio-protective mechanisms <i>via</i> estrogen		

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109	Deep sea minerals prolong life span of streptozotocin-induced diabetic rats by compensatory augmentation of the IGF1 survival signaling and inhibition of apoptosis. <i>Environmental Toxicology</i> , 2016, 31, 769-781.	2.1	18
110	Hypoxia suppresses myocardial survival pathway through HIF-1-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
111	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
112	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
113	Angiotensin-(1-7) attenuated long-term hypoxia-stimulated cardiomyocyte apoptosis by inhibiting HIF-1 nuclear translocation via Mas receptor regulation. <i>Growth Factors</i> , 2016, 34, 11-18.	0.5	16
114	ZAK2 antagonizes and ameliorates the cardiac hypertrophic and apoptotic effects induced by ZAK1. <i>Cell Biochemistry and Function</i> , 2016, 34, 606-612.	1.4	5
115	Doxorubicin attenuates CHIP-guarded HSF1 nuclear translocation and protein stability to trigger IGF-IR-dependent cardiomyocyte death. <i>Cell Death and Disease</i> , 2016, 7, e2455-e2455.	2.7	37
116	Therapeutic effects of Dioscorea on post-menopause-induced cardiac apoptosis in rats. <i>Chinese Journal of Integrative Medicine</i> , 2016, , 1.	0.7	2
117	Lactobacillus reuteri GMNL-263 reduces hyperlipidaemia and the heart failure process in high-calorie diet-fed induced heart dysfunction in rats. <i>Journal of Functional Foods</i> , 2016, 20, 226-235.	1.6	11
118	Supplementary heat-killed Lactobacillus reuteri 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
119	Secondhand Smoke Exposure Reduced the Compensatory Effects of IGF-I Growth Signaling in the Aging Rat Hearts. <i>International Journal of Medical Sciences</i> , 2015, 12, 708-718.	1.1	3
120	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
121	Heat Killed Lactobacillus reuteri GMNL-263 Reduces Fibrosis Effects on the Liver and Heart in High Fat Diet-Hamsters via TGF-β2 Suppression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25881-25896.	1.8	48
122	CREB Negatively Regulates IGF2R Gene Expression and Downstream Pathways to Inhibit Hypoxia-Induced H9c2 Cardiomyoblast Cell Death. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27921-27930.	1.8	18
123	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
124	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, 1540-1546.	2.4	64
125	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
126	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, 300-310.	0.8	62

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127	Long-term hypoxia exposure enhanced IGFBP-3 protein synthesis and secretion resulting in cell apoptosis in H9c2 myocardial cells. <i>Growth Factors</i> , 2015, 33, 275-281.	0.5	16
128	17 β -Estradiol and/or Estrogen Receptor β Attenuate the Autophagic and Apoptotic Effects Induced by Prolonged Hypoxia Through HIF-1 α -Mediated BNIP3 and IGFBP-3 Signaling Blockage. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 274-284.	1.1	64
129	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, 334-344.	1.1	41
130	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
131	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
132	Impact of LPS-Induced Cardiomyoblast Cell Apoptosis Inhibited by Earthworm Extracts. <i>Cardiovascular Toxicology</i> , 2015, 15, 172-179.	1.1	8
133	<i>Citrus medica</i> var. <i>sarcodactylis</i> (Foshou) Activates Fibroblast Growth Factor-2 Signaling to Induce Migration of RSC96 Schwann Cells. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 443-452.	1.5	12
134	Dilong Prevents the High-KCl Cardioplegic Solution Administration-Induced Apoptosis in H9c2 Cardiomyoblast Cells Mediated by MEK. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 1507-1519.	1.5	16
135	Mesenchymal Stem Cell Insights: Prospects in Cardiovascular Therapy. <i>Cell Transplantation</i> , 2014, 23, 513-529.	1.2	67
136	Secondhand smoke exposure toxicity accelerates age-related cardiac disease in old hamsters. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 195.	0.7	8
137	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
138	GABA tea prevents cardiac fibrosis by attenuating TNF- α and Fas/FasL-mediated apoptosis in streptozotocin-induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2014, 65, 90-96.	1.8	28
139	Resistance to irinotecan (CPT-11) activates epidermal growth factor receptor/nuclear factor κ B and increases cellular metastasis and autophagy in LoVo colon cancer cells. <i>Cancer Letters</i> , 2014, 349, 51-60.	3.2	26
140	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.	3.0	76
141	Exercise training enhanced SIRT1 longevity signaling replaces the IGF1 survival pathway to attenuate aging-induced rat heart apoptosis. <i>Age</i> , 2014, 36, 9706.	3.0	59
142	Anti-apoptotic and pro-survival effect of protocatechuic acid on hypertensive hearts. <i>Chemico-Biological Interactions</i> , 2014, 209, 77-84.	1.7	29
143	Estradiol agonists inhibit human LoVo colorectal-cancer cell proliferation and migration through p53. <i>World Journal of Gastroenterology</i> , 2014, 20, 16665.	1.4	22
144	Dung-Shen Downregulates the Synergistic Apoptotic Effects of Angiotensin II Plus Leu 27-IGF II on Cardiomyoblasts. <i>Acta Cardiologica Sinica</i> , 2014, 30, 56-66.	0.1	6

#	ARTICLE	IF	CITATIONS
145	Danshen mediates through estrogen receptors to activate Akt and inhibit apoptosis effect of Leu27IGF-II-induced IGF-II receptor signaling activation in cardiomyoblasts. Food and Chemical Toxicology, 2013, 56, 28-39.	1.8	22

146 Inhibitory effect of alpinate Oxyphyllae fructus extracts on Ang II-induced cardiac pathological

#	ARTICLE	IF	CITATIONS
163	RSC96 Schwann Cell Proliferation and Survival Induced by Dilong through PI3K/Akt Signaling Mediated by IGF-I. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-9.	0.5	19
164	E4BP4 is a cardiac survival factor and essential for embryonic heart development. Molecular and Cellular Biochemistry, 2010, 340, 187-194.	1.4	23
165	BNIP3 induces IL6 and calcineurin/NFAT3 hypertrophic-related pathways in H9c2 cardiomyoblast cells. Molecular and Cellular Biochemistry, 2010, 345, 241-247.	1.4	16
166	EGCG protects against oxidized LDL-induced endothelial dysfunction by inhibiting LOX-1-mediated signaling. Journal of Applied Physiology, 2010, 108, 1745-1756.	1.2	59
167	Cardiac Contractile Dysfunction and Apoptosis in Streptozotocin-Induced Diabetic Rats Are Ameliorated by Garlic Oil Supplementation. Journal of Agricultural and Food Chemistry, 2010, 58, 10347-10355.	2.4	34
168	Proliferative Effects of Chishao on Schwann Cells are FGF-uPA, and ERK- and JNK-Dependent. The American Journal of Chinese Medicine, 2009, 37, 1191-1202.	1.5	5
169	Activation of Insulin-Like Growth Factor II Receptor Induces Mitochondrial-Dependent Apoptosis through Ca^{2+} and Downstream Calcineurin Signaling in Myocardial Cells. Endocrinology, 2009, 150, 2723-2731.	1.4	58
170	Akt mediates 17β -estradiol and/or estrogen receptor α -inhibition of LPS-induced tumor necrosis factor α expression and myocardial cell apoptosis by suppressing the JNK1/2 \rightarrow NF κ B pathway. Journal of Cellular and Molecular Medicine, 2009, 13, 3655-3667.	1.6	89
171	Proliferation and migration-enhancing effects of ginseng and ginsenoside Rg1 through IGF β and FGF β signaling pathways on RSC96 Schwann cells. Cell Biochemistry and Function, 2009, 27, 186-192.	1.4	31
172	Effects of insulin replacement on cardiac apoptotic and survival pathways in streptozotocin-induced diabetic rats. Cell Biochemistry and Function, 2009, 27, 479-487.	1.4	27
173	Lipopolysaccharide upregulates uPA, MMP-2 and MMP-9 via ERK1/2 signaling in H9c2 cardiomyoblast cells. Molecular and Cellular Biochemistry, 2009, 325, 15-23.	1.4	44
174	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.	1.4	25
175	Iron status and cardiovascular risk factors in patients with haemodialysis versus patients with ischaemic heart disease. Nephrology, 2009, 14, 65-69.	0.7	3
176	The Proliferation and Migration Effects of Huangqi on RSC96 Schwann Cells. The American Journal of Chinese Medicine, 2009, 37, 945-959.	1.5	17
177	Crude extracts of Solanum lyratum protect endothelial cells against oxidized low-density lipoprotein-induced injury by direct antioxidant action. Journal of Vascular Surgery, 2009, 50, 849-860.	0.6	35
178	Hypoxia-induced compensatory effect as related to Shh and HIF-1 α in ischemia embryo rat heart. Molecular and Cellular Biochemistry, 2008, 311, 179-187.	1.4	38
179	Lipopolysaccharide induces cellular hypertrophy through calcineurin/NFAT-3 signaling pathway in H9c2 myocardial cells. Molecular and Cellular Biochemistry, 2008, 313, 167-178.	1.4	51
180	P38 mitogen-activated protein kinase pathways are involved in the hypertrophy and apoptosis of cardiomyocytes induced by <i>Porphyromonas gingivalis</i> conditioned medium. Cell Biochemistry and Function, 2008, 26, 246-255.	1.4	12

#	ARTICLE	IF	CITATIONS
181	Cardiac Fas-dependent and mitochondria-dependent apoptosis in ovariectomized rats. <i>Maturitas</i> , 2008, 61, 268-277.	1.0	43
182	IGF-II/mannose-6-phosphate receptor signaling induced cell hypertrophy and atrial natriuretic peptide/BNP expression via G1±q interaction and protein kinase C-1±/CaMKII activation in H9c2 cardiomyoblast cells. <i>Journal of Endocrinology</i> , 2008, 197, 381-390.	1.2	86
183	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
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	Down regulation of IGF-I and IGF-IR gene expression in right atria tissue of ventricular septal defect infants with right atria hypoxemia. <i>Clinica Chimica Acta</i> , 2007, 379, 81-86.	0.5	7
186	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
187	Eccentric cardiac hypertrophy was induced by long-term intermittent hypoxia in rats. <i>Experimental Physiology</i> , 2007, 92, 409-416.	0.9	53
188	Cardiac Fas Receptor-1±-dependent Apoptotic Pathway in Obese Zucker Rats. <i>Obesity</i> , 2007, 15, 2407-2415.	1.5	39
189	More Activated Cardiac Mitochondrial-1±-dependent Apoptotic Pathway in Obese Zucker Rats. <i>Obesity</i> , 2007, 15, 2634-2642.	1.5	37
190	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
191	Serum insulin-like growth factor-axis and matrix metalloproteinases in patients with rheumatic arthritis or rheumatic heart disease. <i>Clinica Chimica Acta</i> , 2006, 367, 62-68.	0.5	23
192	Pro-inflammatory states and IGF-I level in ischemic heart disease with low or high serum iron. <i>Clinica Chimica Acta</i> , 2006, 370, 50-56.	0.5	23
193	Apoptotic and anti-proliferative effects of 171±2-estradiol and 171±2-estradiol-like compounds in the Hep3B cell line. <i>Molecular and Cellular Biochemistry</i> , 2006, 290, 1-7.	1.4	16
194	Opposing Action of Estrogen Receptors 1± and 1±2 on Tumor Necrosis Factor-1± Gene Expression and Caspase-8-mediated Apoptotic Effects in HA22T Cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 287, 137-145.	1.4	11
195	Over-expressed estrogen receptor-1± up-regulates hTNF-1± gene expression and down-regulates 1±2-catenin signaling activity to induce the apoptosis and inhibit proliferation of LoVo colon cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 289, 101-109.	1.4	24
196	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
197	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-E314.	1.8	98
198	Apoptotic effects of over-expressed estrogen receptor-beta on LoVo colon cancer cell is mediated by p53 signalings in a ligand-dependent manner. <i>Chinese Journal of Physiology</i> , 2006, 49, 110-6.	0.4	45

#	ARTICLE	IF	CITATIONS
199	Impaired IGF-I signalling of hypertrophic hearts in the developmental phase of hypertension in genetically hypertensive rats. <i>Cell Biochemistry and Function</i> , 2005, 23, 325-331.	1.4	21
200	Roles of the Minor Pseudopilins, XpsH, XpsI and XpsJ, in the Formation of XpsG-Containing Pseudopilus in <i>Xanthomonas campestris</i> pv. <i>Campestris</i> . <i>Journal of Biomedical Science</i> , 2005, 12, 587-599.	2.6	15
201	Second-Hand Smoke-Induced Cardiac Fibrosis Is Related to the Fas Death Receptor Apoptotic Pathway without Mitochondria-Dependent Pathway Involvement in Rats. <i>Environmental Health Perspectives</i> , 2005, 113, 1349-1353.	2.8	27
202	17 β -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
203	Transforming growth factor- β 2 induces the expression of ANF and hypertrophic growth in cultured cardiomyoblast cells through ZAK. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 424-431.	1.0	33
204	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
205	Differential Effects of Garlic Oil and Its Three Major Organosulfur Components on the Hepatic Detoxification System in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 378-383.	2.4	153
206	Calreticulin nuclear translocation alleviates CaM/CaMKII/CREB signaling pathway to enhance chemosensitivity in HDAC inhibitor-resistant hepatocellular carcinoma cells. <i>Aging</i> , 0, , .	1.4	2
207	Epigallocatechin-3-Gallate Pretreatment Improves Autologous Adipose-derived Stem Cells Against Rheumatoid Arthritis-induced Neuroinflammation in the Brain of Collagen-induced Rats. <i>Neurotoxicity Research</i> , 0, , .	1.3	6