

Chia-Hua Kuo

List of Publications by Year in descending order

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220
papers

4,232
citations

126858

33
h-index

206029

48
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224
all docs

224
docs citations

224
times ranked

5908
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance Exercise Intensity is Correlated with Attenuation of HbA1c and Insulin in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 140.	1.2	105
2	Parasympathetic Nervous Activity Mirrors Recovery Status in Weightlifting Performance After Training. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 1546-1552.	1.0	91
3	Akt mediates 17 β -estradiol and/or estrogen receptor α inhibition of LPS-induced tumor necrosis factor α expression and myocardial cell apoptosis by suppressing the JNK1/2/NF κ B pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3655-3667.	1.6	89
4	IGF-II/mannose-6-phosphate receptor signaling induced cell hypertrophy and atrial natriuretic peptide/BNP expression via G α q interaction and protein kinase C δ /CaMKII activation in H9c2 cardiomyoblast cells. <i>Journal of Endocrinology</i> , 2008, 197, 381-390.	1.2	86
5	Metformin-inclusive Therapy Reduces the Risk of Stroke in Patients with Diabetes: A 4-Year Follow-up Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, e99-e105.	0.7	83
6	Anti-apoptotic and pro-survival effects of exercise training on hypertensive hearts. <i>Journal of Applied Physiology</i> , 2012, 112, 883-891.	1.2	78
7	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
8	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
9	Endothelin α 1 promotes MMP α 13 production and migration in human chondrosarcoma cells through FAK/PI3K/Akt/mTOR pathways. <i>Journal of Cellular Physiology</i> , 2012, 227, 3016-3026.	2.0	69
10	Carthamus tinctorius L. prevents LPS-induced TNF α signaling activation and cell apoptosis through JNK1/2/NF κ B pathway inhibition in H9c2 cardiomyoblast cells. <i>Journal of Ethnopharmacology</i> , 2010, 130, 505-513.	2.0	68
11	RANKL increases migration of human lung cancer cells through intercellular adhesion molecule α 1 up-regulation. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 933-941.	1.2	68
12	Exercise training enhances cardiac IGF1-R/PI3K/Akt and Bcl-2 family associated pro-survival pathways in streptozotocin-induced diabetic rats. <i>International Journal of Cardiology</i> , 2013, 167, 478-485.	0.8	68
13	Mesenchymal Stem Cell Insights: Prospects in Cardiovascular Therapy. <i>Cell Transplantation</i> , 2014, 23, 513-529.	1.2	67
14	Ginsenoside-Rg1 Protects the Liver against Exhaustive Exercise-Induced Oxidative Stress in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	63
15	Using Low-Intensity Pulsed Ultrasound to Improve Muscle Healing After Laceration Injury: An in vitro and in vivo Study. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 743-751.	0.7	57
16	Effect of prolonged intermittent hypoxia and exercise training on glucose tolerance and muscle GLUT4 protein expression in rats. <i>Journal of Biomedical Science</i> , 2004, 11, 838-846.	2.6	54
17	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
18	Functional potato bioactive peptide intensifies Nrf2-dependent antioxidant defense against renal damage in hypertensive rats. <i>Food Research International</i> , 2020, 129, 108862.	2.9	48

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19	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
20	Topical Cooling (Icing) Delays Recovery From Eccentric Exercise-Induced Muscle Damage. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1354-1361.	1.0	46
21	Protective effect of Coenzyme Q10 On doxorubicin-induced cardiomyopathy of rat hearts. <i>Environmental Toxicology</i> , 2017, 32, 679-689.	2.1	45
22	Nepthro-Protective Effects of a Ginger Extract on Cytosolic and Mitochondrial Enzymes against Streptozotocin (STZ)-Induced Diabetic Complications in Rats. <i>Chinese Journal of Physiology</i> , 2011, 54, 79-86.	0.4	44
23	Cardiac Fas-dependent and mitochondria-dependent apoptosis in ovariectomized rats. <i>Maturitas</i> , 2008, 61, 268-277.	1.0	43
24	Oolong tea prevents cardiomyocyte loss against hypoxia by attenuating p38/JNK mediated hypertrophy and enhancing pAKT, pAkt, and pBad ^{ser136} activity and by fortifying NRF2 antioxidation system. <i>Environmental Toxicology</i> , 2018, 33, 220-233.	2.1	42
25	Effect of carbohydrate supplementation on postexercise GLUT-4 protein expression in skeletal muscle. <i>Journal of Applied Physiology</i> , 1999, 87, 2290-2295.	1.2	41
26	Glycogen content and contraction regulate glycogen synthase phosphorylation and affinity for UDP-glucose in rat skeletal muscles. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1622-E1629.	1.8	41
27	Effects of 17beta-estradiol on cardiac apoptosis in ovariectomized rats. <i>Cell Biochemistry and Function</i> , 2010, 28, 521-528.	1.4	41
28	Pkc γ Activation is Involved in ROS-Mediated Mitochondrial Dysfunction and Apoptosis in Cardiomyocytes Exposed to Advanced Glycation End Products (Ages). , 2018, 9, 647.		41
29	Oral Rg1 supplementation strengthens antioxidant defense system against exercise-induced oxidative stress in rat skeletal muscles. <i>Journal of the International Society of Sports Nutrition</i> , 2012, 9, 23.	1.7	38
30	Oral <i>Lactobacillus reuteri</i> GMN-32 treatment reduces blood glucose concentrations and promotes cardiac function in rats with streptozotocin-induced diabetes mellitus. <i>British Journal of Nutrition</i> , 2014, 111, 598-605.	1.2	37
31	Age-Related Increases in Benign Paroxysmal Positional Vertigo Are Reversed in Women Taking Estrogen Replacement Therapy: A Population-Based Study in Taiwan. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 404.	1.7	37
32	Garlic Oil Alleviates MAPKs- and IL-6-mediated Diabetes-related Cardiac Hypertrophy in STZ-induced DM Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-11.	0.5	36
33	Alcohol-induced deterioration in primary antioxidant and glutathione family enzymes reversed by exercise training in the liver of old rats. <i>Alcohol</i> , 2010, 44, 523-529.	0.8	34
34	p53-mediated miR-18 repression activates HSF2 for IGF-1R-dependent myocyte hypertrophy in hypertension-induced heart failure. <i>Cell Death and Disease</i> , 2017, 8, e2990-e2990.	2.7	34
35	Exercise Intervention Improves Clinical Outcomes, but the "Time of Session" is Crucial for Better Quality of Life in Breast Cancer Survivors: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2019, 11, 706.	1.7	34
36	Anxiety, depression and quality of life (QoL) in patients with chronic dizziness. <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, 131-135.	1.4	33

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37	Decreased Eccentric Exercise-Induced Macrophage Infiltration in Skeletal Muscle after Supplementation with a Class of Ginseng-Derived Steroids. <i>PLoS ONE</i> , 2014, 9, e114649.	1.1	33
38	<i>Rhodiola crenulata</i> and <i>Cordyceps sinensis</i> -Based Supplement Boosts Aerobic Exercise Performance after Short-Term High Altitude Training. <i>High Altitude Medicine and Biology</i> , 2014, 15, 371-379.	0.5	33
39	Oral hydroxycitrate supplementation enhances glycogen synthesis in exercised human skeletal muscle. <i>British Journal of Nutrition</i> , 2012, 107, 1048-1055.	1.2	32
40	Doxorubicin inhibits muscle inflammation after eccentric exercise. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 277-284.	2.9	32
41	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
42	Altitude Hypoxia Increases Glucose Uptake in Human Heart. <i>High Altitude Medicine and Biology</i> , 2009, 10, 83-86.	0.5	30
43	Insulin-Like Growth Factor I Signaling for Brain Recovery and Exercise Ability in Brain Ischemic Rats. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2274-2280.	0.2	30
44	Attenuation of insulin resistance by chronic β 2-adrenergic agonist treatment Possible muscle specific contributions. <i>Life Sciences</i> , 2001, 69, 599-611.	2.0	29
45	Codonopsis javanica root extracts attenuate hyperinsulinemia and lipid peroxidation in fructose-fed insulin resistant rats. <i>Journal of Food and Drug Analysis</i> , 2013, 21, 347-355.	0.9	29
46	GABA tea ameliorates cerebral cortex apoptosis and autophagy in streptozotocin-induced diabetic rats. <i>Journal of Functional Foods</i> , 2014, 6, 534-544.	1.6	29
47	ZAK induces cardiomyocyte hypertrophy and brain natriuretic peptide expression via p38/JNK signaling and GATA4/c-Jun transcriptional factor activation. <i>Molecular and Cellular Biochemistry</i> , 2015, 405, 1-9.	1.4	29
48	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
49	Role of ERK Signaling in the Neuroprotective Efficacy of Magnesium Sulfate Treatment during Focal Cerebral Ischemia in the Gerbil Cortex. <i>Chinese Journal of Physiology</i> , 2010, 53, 299-309.	0.4	28
50	Short-term Altitude Mountain Living Improves Glycemic Control. <i>High Altitude Medicine and Biology</i> , 2003, 4, 81-91.	0.5	27
51	Effects of insulin replacement on cardiac apoptotic and survival pathways in streptozotocin-induced diabetic rats. <i>Cell Biochemistry and Function</i> , 2009, 27, 479-487.	1.4	27
52	Deep ocean mineral water accelerates recovery from physical fatigue. <i>Journal of the International Society of Sports Nutrition</i> , 2013, 10, 7.	1.7	27
53	Dung-shen (<i>Codonopsis pilosula</i>) attenuated the cardiac-impaired insulin-like growth factor II receptor pathway on myocardial cells. <i>Food Chemistry</i> , 2013, 138, 1856-1867.	4.2	27
54	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

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55	Neuron Regeneration and Proliferation Effects of Danshen and Tanshinone IIA. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-9.	0.5	26
56	Rhubarb inhibits hepatocellular carcinoma cell metastasis via GSK-3 β activation to enhance protein degradation and attenuate nuclear translocation of β -catenin. Food Chemistry, 2013, 138, 278-285.	4.2	26
57	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.	3.2	26
58	Ginsenoside Rg1 supplementation clears senescence-associated β -galactosidase in exercising human skeletal muscle. Journal of Ginseng Research, 2019, 43, 580-588.	3.0	26
59	The soybean bioactive peptide VHVV alleviates hypertension-induced renal damage in hypertensive rats via the SIRT1-PGC1 α /Nrf2 pathway. Journal of Functional Foods, 2020, 75, 104255.	1.6	26
60	Aged cells in human skeletal muscle after resistance exercise. Aging, 2018, 10, 1356-1365.	1.4	26
61	Role of insulin on exercise-induced GLUT-4 protein expression and glycogen supercompensation in rat skeletal muscle. Journal of Applied Physiology, 2004, 96, 621-627.	1.2	25
62	Moderate exercise training attenuates aging-induced cardiac inflammation, hypertrophy and fibrosis injuries of rat hearts. Oncotarget, 2015, 6, 35383-35394.	0.8	25
63	Rab9 α -dependent autophagy is required for the IGF1R triggering mitophagy to eliminate damaged mitochondria. Journal of Cellular Physiology, 2018, 233, 7080-7091.	2.0	25
64	Physiological Effects of Bioceramic Material: Harvard Step, Resting Metabolic Rate and Treadmill Running Assessments. Chinese Journal of Physiology, 2013, 56, 334-340.	0.4	25
65	Supplementary heat-killed <i>Lactobacillus reuteri</i> 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.	1.2	24
66	Effect of Mild Intermittent Hypoxia on Glucose Tolerance, Muscle Morphology and AMPK-PGC-1 α Signaling. Chinese Journal of Physiology, 2010, 53, 62-71.	0.4	24
67	Effect of exercise training on ethanol-induced oxidative damage in aged rats. Alcohol, 2009, 43, 59-64.	0.8	23
68	Improved Inflammatory Balance of Human Skeletal Muscle during Exercise after Supplementations of the Ginseng-Based Steroid Rg1. PLoS ONE, 2015, 10, e0116387.	1.1	23
69	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
70	Alpinate Oxyphyllae Fructus (<i>Alpinia Oxyphylla</i> Miq) Extracts Inhibit Angiotensin-II Induced Cardiac Apoptosis in H9c2 Cardiomyoblast Cells. Bioscience, Biotechnology and Biochemistry, 2013, 77, 229-234.	0.6	21
71	Effects of short-term detraining on measures of obesity and glucose tolerance in elite athletes. Journal of Sports Sciences, 2008, 26, 919-925.	1.0	20
72	Chronic Methamphetamine Exposure Induces Cardiac Fas-Dependent and Mitochondria-Dependent Apoptosis. Cardiovascular Toxicology, 2014, 14, 134-144.	1.1	20

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73	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

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91	<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
92	Anti-Renal Fibrotic Effect of Exercise Training in Hypertension. <i>International Journal of Molecular Sciences</i> , 2018, 19, 613.	1.8	16
93	The Coexistence of Hypertension and Ovariectomy Additively Increases Cardiac Apoptosis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2036.	1.8	15
94	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
95	Combined effects of 17 β -estradiol and exercise training on cardiac apoptosis in ovariectomized rats. <i>PLoS ONE</i> , 2018, 13, e0208633.	1.1	15
96	Reducing Body Fat with Altitude Hypoxia Training in Swimmers: Role of Blood Perfusion to Skeletal Muscles. <i>Chinese Journal of Physiology</i> , 2013, 56, 18-25.	0.4	15
97	Short-term versus long-term intermittent hypobaric hypoxia on cardiac fibrosis and Fas death receptor dependent apoptotic pathway in rat hearts. <i>Chinese Journal of Physiology</i> , 2008, 51, 308-16.	0.4	15
98	Vestibular rehabilitation ameliorates chronic dizziness through the SIRT1 axis. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 27.	1.7	14
99	Anti-apoptotic and Pro-survival Effects of Food Restriction on High-Fat Diet-Induced Obese Hearts. <i>Cardiovascular Toxicology</i> , 2017, 17, 163-174.	1.1	14
100	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
101	The Root Extract of <i>Gentiana macrophylla</i> Pall. Alleviates Cardiac Apoptosis in Lupus Prone Mice. <i>PLoS ONE</i> , 2015, 10, e0127440.	1.1	14
102	Neuroprotective Effects of <i>Bacopa monniera</i> Whole-Plant Extract against Aluminum-Induced Hippocampus Damage in Rats: Evidence from Electron Microscopic Images. <i>Chinese Journal of Physiology</i> , 2014, 57, 279-285.	0.4	14
103	Effect of acute DHEA administration on free testosterone in middle-aged and young men following high-intensity interval training. <i>European Journal of Applied Physiology</i> , 2013, 113, 1783-1792.	1.2	13
104	Abdominal fat reducing outcome of exercise training: fat burning or hydrocarbon source redistribution?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 695-698.	0.7	13
105	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
106	Resveratrol increases stem cell function in the treatment of damaged pancreas. <i>Journal of Cellular Physiology</i> , 2019, 234, 20443-20452.	2.0	13
107	Effects of Insulin-Like Growth Factor 1 on Muscle Atrophy and Motor Function in Rats with Brain Ischemia. <i>Chinese Journal of Physiology</i> , 2010, 53, 337-348.	0.4	13
108	Arecoline induces cardiotoxicity by upregulating and activating cardiac hypertrophy-related pathways in Sprague-Dawley rats. <i>Chemico-Biological Interactions</i> , 2022, 354, 109810.	1.7	13

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109	Interactive effect of an acute bout of resistance exercise and dehydroepiandrosterone administration on glucose tolerance and serum lipids in middle-aged women. <i>Chinese Journal of Physiology</i> , 2005, 48, 23-9.	0.4	13
110	Effect of dehydroepiandrosterone administration on recovery from mix-type exercise training-induced muscle damage. <i>European Journal of Applied Physiology</i> , 2013, 113, 99-107.	1.2	12
111	Lumbrokinase Attenuates Side-Stream-Smoke-Induced Apoptosis and Autophagy in Young Hamster Hippocampus: Correlated with eNOS Induction and NF κ B/iNOS/COX-2 Signaling Suppression. <i>Chemical Research in Toxicology</i> , 2013, 26, 654-661.	1.7	12
112	High density lipoprotein (HDL) reverses palmitic acid induced energy metabolism imbalance by switching CD36 and GLUT4 signaling pathways in cardiomyocyte. <i>Journal of Cellular Physiology</i> , 2017, 232, 3020-3029.	2.0	12
113	Fatigue Effect on Low-Frequency Force Fluctuations and Muscular Oscillations during Rhythmic Isometric Contraction. <i>PLoS ONE</i> , 2014, 9, e85578.	1.1	12
114	Effect of postexercise carbohydrate supplementation on glucose uptake-associated gene expression in the human skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 267-271.	1.9	11
115	Normalization effect of sports training on blood pressure in hypertensives. <i>Journal of Sports Sciences</i> , 2010, 28, 361-367.	1.0	11
116	Enhanced Differentiation of Three-Gene-Reprogrammed Induced Pluripotent Stem Cells into Adipocytes via Adenoviral-Mediated PGC-1 β Overexpression. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7554-7568.	1.8	11
117	Oral conjugated linoleic acid supplementation enhanced glycogen resynthesis in exercised human skeletal muscle. <i>Journal of Sports Sciences</i> , 2015, 33, 915-923.	1.0	11
118	<i>Lactobacillus reuteri</i> 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
119	Does Branched-Chain Amino Acids (BCAAs) Supplementation Attenuate Muscle Damage Markers and Soreness after Resistance Exercise in Trained Males? A Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2021, 13, 1880.	1.7	11
120	Amylin-mediated inhibition of insulin-stimulated glucose transport in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 275, E531-E536.	1.8	10
121	Interactive effect of exercise training and growth hormone administration on glucose tolerance and muscle GLUT4 protein expression in rats. <i>Journal of Biomedical Science</i> , 2003, 10, 689-696.	2.6	10
122	Characteristics of glycemic control in elite power and endurance athletes. <i>Preventive Medicine</i> , 2005, 40, 564-569.	1.6	10
123	The role of DHEA-S in the mood adjustment against negative competition outcome in golfers. <i>Journal of Sports Sciences</i> , 2009, 27, 291-297.	1.0	10
124	Effect of a Prolonged Altitude Expedition on Glucose Tolerance and Abdominal Fatness. <i>Research Quarterly for Exercise and Sport</i> , 2010, 81, 472-477.	0.8	10
125	Alpinia Oxyphylla Miquel Fruit Extract Activates MAPK-mediated Signaling of PAs and MMP2/9 to Induce Schwann Cell Migration and Nerve Regeneration. <i>International Journal of Artificial Organs</i> , 2014, 37, 402-413.	0.7	10
126	Null effect of ginsenoside Rb1 on improving glycemic status in men during a resistance training recovery. <i>Journal of the International Society of Sports Nutrition</i> , 2015, 12, 34.	1.7	10

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127	Lipid storage changes in human skeletal muscle during detraining. <i>Frontiers in Physiology</i> , 2015, 6, 309.	1.3	10
128	Seaweed Supplementation Enhances Maximal Muscular Strength and Attenuates Resistance Exercise-Induced Oxidative Stress in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	10
129	Bioactive dipeptide from potato protein hydrolysate combined with swimming exercise prevents high fat diet induced hepatocyte apoptosis by activating PI3K/Akt in SAMP8 mouse. <i>Molecular Biology Reports</i> , 2021, 48, 2629-2637.	1.0	10
130	Altitude Training Improves Glycemic Control. <i>Chinese Journal of Physiology</i> , 2013, 56, 193-8.	0.4	10
131	Effects of hiking at altitude on body composition and insulin sensitivity in recovering drug addicts. <i>Preventive Medicine</i> , 2004, 39, 681-688.	1.6	9
132	Glycogen overload by postexercise insulin administration abolished the exercise-induced increase in GLUT4 protein. <i>Journal of Biomedical Science</i> , 2005, 12, 991-998.	2.6	9
133	Acute Effect of Exerciseâ€“Hypoxia Challenge on GLUT4 Protein Expression in Rat Cardiac Muscle. <i>High Altitude Medicine and Biology</i> , 2005, 6, 256-262.	0.5	9
134	Impact of 12-s Rule on Performance and Muscle Damage of Baseball Pitchers. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2512-2516.	0.2	9
135	Cardiac Fas-Dependent and Mitochondria-Dependent Apoptotic Pathways in a Transgenic Mouse Model of Huntingtonâ€™s Disease. <i>Cardiovascular Toxicology</i> , 2016, 16, 111-121.	1.1	9
136	Protein supplementation enhances cerebral oxygenation during exercise in elite basketball players. <i>Nutrition</i> , 2018, 53, 34-37.	1.1	9
137	Stem cells rescue cardiomyopathy induced by <i>P. gingivalis</i> â€“LPS via miRâ€“181b. <i>Journal of Cellular Physiology</i> , 2018, 233, 5869-5876.	2.0	9
138	<i>Pheretima aspergillum</i> extract attenuates highâ€“Clâ€“induced mitochondrial injury and proâ€“fibrotic events in cardiomyoblast cells. <i>Environmental Toxicology</i> , 2019, 34, 921-927.	2.1	9
139	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
140	Exercise training exacerbates tourniquet ischemia-induced decreases in GLUT4 expression and muscle atrophy in rats. <i>Life Sciences</i> , 2006, 78, 2953-2959.	2.0	8
141	Discipline-specific insulin sensitivity in athletes. <i>Nutrition</i> , 2009, 25, 1137-1142.	1.1	8
142	Dehydroepiandrosterone sulfate linked to physiologic response against hot spring immersion. <i>Steroids</i> , 2009, 74, 945-949.	0.8	8
143	Insulin-stimulated glycogen synthesis and glycogen synthase activation after electrical stimulation of epitrochlearis muscles with different initial glycogen contents. <i>Archives of Physiology and Biochemistry</i> , 2010, 116, 116-127.	1.0	8
144	Hypothermia caused by slow and limited-volume fluid resuscitation decreases organ damage by hemorrhagic shock. <i>Cytokine</i> , 2012, 60, 68-75.	1.4	8

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145	Secondhand smoke exposure toxicity accelerates age-related cardiac disease in old hamsters. BMC Cardiovascular Disorders, 2014, 14, 195.	0.7	8
146	Impact of LPS-Induced Cardiomyoblast Cell Apoptosis Inhibited by Earthworm Extracts. Cardiovascular Toxicology, 2015, 15, 172-179.	1.1	8
147	Deep Ocean Mineral Supplementation Enhances the Cerebral Hemodynamic Response during Exercise and Decreases Inflammation Postexercise in Men at Two Age Levels. Frontiers in Physiology, 2017, 8, 1016.	1.3	8
148	E4BP4 inhibits AngII-induced apoptosis in H9c2 cardiomyoblasts by activating the PI3K-Akt pathway and promoting calcium uptake. Experimental Cell Research, 2018, 363, 227-234.	1.2	8
149	Tid1 attenuates LPS-induced cardiac hypertrophy and apoptosis through ER-mediated modulation of p-PI3K/p-Akt signaling cascade. Journal of Cellular Biochemistry, 2019, 120, 16703-16710.	1.2	8
150	Small Molecule Compound Nerolidol attenuates Hypertension induced hypertrophy in spontaneously hypertensive rats through modulation of Mel-18-IGF-IIR signalling. Phytomedicine, 2021, 84, 153450.	2.3	8
151	CHIP-overexpressing Wharton's jelly-derived mesenchymal stem cells attenuate hyperglycemia-induced oxidative stress-mediated kidney injuries in diabetic rats. Free Radical Biology and Medicine, 2021, 173, 70-80.	1.3	8
152	Suppression of Isoproterenol-Induced Apoptosis in H9c2 Cardiomyoblast Cells by Daidzein through Activation of Akt. Chinese Journal of Physiology, 2016, 59, 323-330.	0.4	8
153	Curcumin-Pretreated Adipose-Derived Stem Cells Enhance the Neuroprotective Ability to Repair Rheumatoid Arthritis-Induced Damage in the Rat Brain. The American Journal of Chinese Medicine, 2022, 50, 1299-1314.	1.5	8
154	The potential role of epigenetic modulations in BPPV maneuver exercises. Oncotarget, 2016, 7, 35522-35534.	0.8	7
155	17 β -Estradiol and/or estrogen receptor alpha blocks isoproterenol-induced calcium accumulation and hypertrophy via GSK3 β /PP2A/NFAT3/ANP pathway. Molecular and Cellular Biochemistry, 2017, 434, 181-195.	1.4	7
156	Hormetic Property of Ginseng Steroids on Anti-Oxidant Status against Exercise Challenge in Rat Skeletal Muscle. Antioxidants, 2017, 6, 36.	2.2	7
157	Satellite cells depletion in exercising human skeletal muscle is restored by ginseng component Rg1 supplementation. Journal of Functional Foods, 2019, 58, 27-33.	1.6	7
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