

Chia-Hua Kuo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3224471/chia-hua-kuo-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

210
papers

3,081
citations

29
h-index

41
g-index

224
ext. papers

3,716
ext. citations

4.1
avg, IF

4.97
L-index

#	Paper	IF	Citations
210	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
209	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
208	Carthamus tinctorius 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
207	Parasympathetic nervous activity mirrors recovery status in weightlifting performance after training. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 1546-52	3.2	61
206	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, e99-105	2.8	60
205	Endothelin-1 promotes MMP-13 production and migration in human chondrosarcoma cells through FAK/PI3K/Akt/mTOR pathways. <i>Journal of Cellular Physiology</i> , 2012 , 227, 3016-26	7	60
204	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
203	RANKL increases migration of human lung cancer cells through intercellular adhesion molecule-1 up-regulation. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 933-41	4.7	59
202	Mesenchymal stem cell insights: prospects in cardiovascular therapy. <i>Cell Transplantation</i> , 2014 , 23, 513-29		58
201	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
200	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,	4.6	53
199	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, 478-85	3.2	49
198	Ginsenoside-Rg1 Protects the Liver against Exhaustive Exercise-Induced Oxidative Stress in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 932165	2.3	47
197	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, 743-51	3.5	42
196	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, 838-46	13.3	41
195	Cardiac Fas-dependent and mitochondria-dependent apoptosis in ovariectomized rats. <i>Maturitas</i> , 2008 , 61, 268-77	5	40
194	Topical cooling (icing) delays recovery from eccentric exercise-induced muscle damage. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 1354-61	3.2	38

193	Effects of 17beta-estradiol on cardiac apoptosis in ovariectomized rats. <i>Cell Biochemistry and Function</i> , 2010 , 28, 521-8	4.2	36
192	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, E1622-9	6	36
191	Effect of carbohydrate supplementation on postexercise GLUT-4 protein expression in skeletal muscle. <i>Journal of Applied Physiology</i> , 1999 , 87, 2290-5	3.7	35
190	Protective effect of Co-enzyme Q10 On doxorubicin-induced cardiomyopathy of rat hearts. <i>Environmental Toxicology</i> , 2017 , 32, 679-689	4.2	33
189	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, 950150	2.3	33
188	Nephro-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	1.6	33
187	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
186	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
185	Swimming exercise stimulates IGF1/ PI3K/Akt and AMPK/SIRT1/PGC1β survival signaling to suppress apoptosis and inflammation in aging hippocampus. <i>Aging</i> , 2020 , 12, 6852-6864	5.6	31
184	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
183	Oral Lactobacillus reuteri 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	3.6	30
182	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
181	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, 2274-80	1.2	29
180	Oral hydroxycitrate supplementation enhances glycogen synthesis in exercised human skeletal muscle. <i>British Journal of Nutrition</i> , 2012 , 107, 1048-55	3.6	29
179	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
178	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, 523-9	2.7	27
177	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
176	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	1.6	26

175	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
174	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
173	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
172	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
171	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	4.5	24
170	Doxorubicin inhibits muscle inflammation after eccentric exercise. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 277-284	10.3	23
169	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
168	Neuron Regeneration and Proliferation Effects of Danshen and Tanshinone IIA. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 378907	2.3	23
167	Attenuation of insulin resistance by chronic beta2-adrenergic agonist treatment possible muscle specific contributions. <i>Life Sciences</i> , 2001 , 69, 599-611	6.8	23
166	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
165	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
164	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
163	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	5.3	22
162	Anxiety, depression and quality of life (QoL) in patients with chronic dizziness. <i>Archives of Gerontology and Geriatrics</i> , 2012 , 54, 131-5	4	22
161	GABA tea ameliorates cerebral cortex apoptosis and autophagy in streptozotocin-induced diabetic rats. <i>Journal of Functional Foods</i> , 2014 , 6, 534-544	5.1	21
160	Rhubarb inhibits hepatocellular carcinoma cell metastasis via GSK-3 β activation to enhance protein degradation and attenuate nuclear translocation of β catenin. <i>Food Chemistry</i> , 2013 , 138, 278-85	8.5	20
159	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
158	<i>Codonopsis javanica</i> 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	7	20

157	Short-term altitude mountain living improves glycemic control. <i>High Altitude Medicine and Biology</i> , 2003 , 4, 81-91	1.9	20
156	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
155	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
154	Potential phytoestrogen alternatives exert cardio-protective mechanisms via estrogen receptors. <i>BioMedicine (Taiwan)</i> , 2017 , 7, 11	1.1	19
153	Effect of exercise training on ethanol-induced oxidative damage in aged rats. <i>Alcohol</i> , 2009 , 43, 59-64	2.7	19
152	Aged cells in human skeletal muscle after resistance exercise. <i>Aging</i> , 2018 , 10, 1356-1365	5.6	19
151	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
150	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
149	Rhodiola crenulata- and Cordyceps sinensis-based supplement boosts aerobic exercise performance after short-term high altitude training. <i>High Altitude Medicine and Biology</i> , 2014 , 15, 371-9	1.9	18
148	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
147	Role of insulin on exercise-induced GLUT-4 protein expression and glycogen supercompensation in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2004 , 96, 621-7	3.7	18
146	Effect of mild intermittent hypoxia on glucose tolerance, muscle morphology and AMPK-PGC-1alpha signaling. <i>Chinese Journal of Physiology</i> , 2010 , 53, 62-71	1.6	18
145	Physiological effects of bioceramic material: harvard step, resting metabolic rate and treadmill running assessments. <i>Chinese Journal of Physiology</i> , 2013 , 56, 334-40	1.6	18
144	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,	6.6	17
143	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
142	The proliferation and migration effects of huangqi on RSC96 Schwann cells. <i>The American Journal of Chinese Medicine</i> , 2009 , 37, 945-59	6	17
141	The role of dehydroepiandrosterone levels on physiologic acclimatization to chronic mountaineering activity. <i>High Altitude Medicine and Biology</i> , 2006 , 7, 228-36	1.9	17
140	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

139	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
138	Altitude hypoxia increases glucose uptake in human heart. <i>High Altitude Medicine and Biology</i> , 2009 , 10, 83-6	1.9	16
137	NFIL3 suppresses hypoxia-induced apoptotic cell death by targeting the insulin-like growth factor 2 receptor. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 1113-20	4.7	15
136	Gelsolin (GSN) induces cardiomyocyte hypertrophy and BNP expression via p38 signaling and GATA-4 transcriptional factor activation. <i>Molecular and Cellular Biochemistry</i> , 2014 , 390, 263-70	4.2	15
135	Chronic methamphetamine exposure induces cardiac fas-dependent and mitochondria-dependent apoptosis. <i>Cardiovascular Toxicology</i> , 2014 , 14, 134-44	3.4	15
134	Improved inflammatory balance of human skeletal muscle during exercise after supplementations of the ginseng-based steroid Rg1. <i>PLoS ONE</i> , 2015 , 10, e0116387	3.7	15
133	Activated apoptotic and anti-survival effects on rat hearts with fructose induced metabolic syndrome. <i>Cell Biochemistry and Function</i> , 2014 , 32, 133-41	4.2	15
132	Effects of short-term detraining on measures of obesity and glucose tolerance in elite athletes. <i>Journal of Sports Sciences</i> , 2008 , 26, 919-25	3.6	15
131	A possible link between exercise-training adaptation and dehydroepiandrosterone sulfate- an oldest-old female study. <i>International Journal of Medical Sciences</i> , 2006 , 3, 141-7	3.7	15
130	Effect of systemic hypoxia on GLUT4 protein expression in exercised rat heart. <i>The Japanese Journal of Physiology</i> , 2004 , 54, 357-63		15
129	The neuroprotective effects of intramuscular insulin-like growth factor-I treatment in brain ischemic rats. <i>PLoS ONE</i> , 2013 , 8, e64015	3.7	14
128	BNIP3 induces IL6 and calcineurin/NFAT3 hypertrophic-related pathways in H9c2 cardiomyoblast cells. <i>Molecular and Cellular Biochemistry</i> , 2010 , 345, 241-7	4.2	14
127	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	1.6	14
126	Vestibular rehabilitation ameliorates chronic dizziness through the SIRT1 axis. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 27	5.3	13
125	Cardiac Fas-dependent and mitochondria-dependent apoptosis after chronic cocaine abuse. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 5988-6001	6.3	13
124	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	1.6	13
123	The Coexistence of Hypertension and Ovariectomy Additively Increases Cardiac Apoptosis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	13
122	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, 1783-92	3.4	12

121	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	3.4	12
120	Effect of resistance exercise on dehydroepiandrosterone sulfate concentrations during a 72-h recovery: relation to glucose tolerance and insulin response. <i>Life Sciences</i> , 2006 , 79, 1281-6	6.8	12
119	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, 337-48	1.6	12
118	Attenuation of Magnesium Sulfate on CoCl ₂ -Induced Cell Death by Activating ERK1/2/MAPK and Inhibiting HIF-1 α via Mitochondrial Apoptotic Signaling Suppression in a Neuronal Cell Line. <i>Chinese Journal of Physiology</i> , 2015 , 58, 244-53	1.6	12
117	Combined effects of 17 β -Estradiol and exercise training on cardiac apoptosis in ovariectomized rats. <i>PLoS ONE</i> , 2018 , 13, e0208633	3.7	12
116	Eriobotrya japonica ameliorates cardiac hypertrophy in H9c2 cardiomyoblast and in spontaneously hypertensive rats. <i>Environmental Toxicology</i> , 2018 , 33, 1113-1122	4.2	12
115	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	1.6	12
114	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	3.7	11
113	Effects of one-year swimming training on blood pressure and insulin sensitivity in mild hypertensive young patients. <i>Chinese Journal of Physiology</i> , 2010 , 53, 185-9	1.6	11
112	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	5.1	11
111	Resveratrol increases stem cell function in the treatment of damaged pancreas. <i>Journal of Cellular Physiology</i> , 2019 , 234, 20443-20452	7	10
110	Oral conjugated linoleic acid supplementation enhanced glycogen resynthesis in exercised human skeletal muscle. <i>Journal of Sports Sciences</i> , 2015 , 33, 915-23	3.6	10
109	Lumbrokinase attenuates side-stream-smoke-induced apoptosis and autophagy in young hamster hippocampus: correlated with eNOS induction and NFB/iNOS/COX-2 signaling suppression. <i>Chemical Research in Toxicology</i> , 2013 , 26, 654-61	4	10
108	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	5.1	9
107	Anti-Renal Fibrotic Effect of Exercise Training in Hypertension. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
106	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	4.5	9
105	Normalization effect of sports training on blood pressure in hypertensives. <i>Journal of Sports Sciences</i> , 2010 , 28, 361-7	3.6	9
104	Effect of a prolonged altitude expedition on glucose tolerance and abdominal fatness. <i>Research Quarterly for Exercise and Sport</i> , 2010 , 81, 472-7	1.9	9

103	The role of DHEA-S in the mood adjustment against negative competition outcome in golfers. <i>Journal of Sports Sciences</i> , 2009 , 27, 291-7	3.6	9
102	Effect of postexercise carbohydrate supplementation on glucose uptake-associated gene expression in the human skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , 2005 , 16, 267-71	6.3	9
101	Fatigue effect on low-frequency force fluctuations and muscular oscillations during rhythmic isometric contraction. <i>PLoS ONE</i> , 2014 , 9, e85578	3.7	9
100	Neuroprotective effects of Bacopa monniera whole-plant extract against aluminum-induced hippocampus damage in rats: evidence from electron microscopic images. <i>Chinese Journal of Physiology</i> , 2014 , 57, 279-85	1.6	9
99	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	4.7	9
98	Cardiac Fas-Dependent and Mitochondria-Dependent Apoptotic Pathways in a Transgenic Mouse Model of Huntington's Disease. <i>Cardiovascular Toxicology</i> , 2016 , 16, 111-21	3.4	8
97	Anti-apoptotic and Pro-survival Effects of Food Restriction on High-Fat Diet-Induced Obese Hearts. <i>Cardiovascular Toxicology</i> , 2017 , 17, 163-174	3.4	8
96	Abdominal fat reducing outcome of exercise training: fat burning or hydrocarbon source redistribution?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 695-8	2.4	8
95	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, 402-13	1.9	8
94	Hypothermia caused by slow and limited-volume fluid resuscitation decreases organ damage by hemorrhagic shock. <i>Cytokine</i> , 2012 , 60, 68-75	4	8
93	Enhanced differentiation of three-gene-reprogrammed induced pluripotent stem cells into adipocytes via adenoviral-mediated PGC-1 α overexpression. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 7554-68	6.3	8
92	Characteristics of glycemic control in elite power and endurance athletes. <i>Preventive Medicine</i> , 2005 , 40, 564-9	4.3	8
91	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	13.3	8
90	Effects of hiking at altitude on body composition and insulin sensitivity in recovering drug addicts. <i>Preventive Medicine</i> , 2004 , 39, 681-8	4.3	8
89	The Root Extract of Gentiana macrophylla Pall. Alleviates Cardiac Apoptosis in Lupus Prone Mice. <i>PLoS ONE</i> , 2015 , 10, e0127440	3.7	8
88	Altitude training improves glycemic control. <i>Chinese Journal of Physiology</i> , 2013 , 56, 193-8	1.6	8
87	Anserine Reverses Exercise-Induced Oxidative Stress and Preserves Cellular Homeostasis in Healthy Men. <i>Nutrients</i> , 2020 , 12,	6.7	7
86	Lipid storage changes in human skeletal muscle during detraining. <i>Frontiers in Physiology</i> , 2015 , 6, 309	4.6	7

85	Secondhand smoke exposure toxicity accelerates age-related cardiac disease in old hamsters. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 195	2.3	7
84	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, 116-27	2.2	7
83	Discipline-specific insulin sensitivity in athletes. <i>Nutrition</i> , 2009 , 25, 1137-42	4.8	7
82	Dehydroepiandrosterone sulfate linked to physiologic response against hot spring immersion. <i>Steroids</i> , 2009 , 74, 945-9	2.8	7
81	Glycogen overload by postexercise insulin administration abolished the exercise-induced increase in GLUT4 protein. <i>Journal of Biomedical Science</i> , 2005 , 12, 991-8	13.3	7
80	Acute effect of exercise-hypoxia challenge on GLUT4 protein expression in rat cardiac muscle. <i>High Altitude Medicine and Biology</i> , 2005 , 6, 256-62	1.9	7
79	17β-Estradiol and/or estrogen receptor alpha blocks isoproterenol-induced calcium accumulation and hypertrophy via GSK3β/PP2A/NFAT3/ANP pathway. <i>Molecular and Cellular Biochemistry</i> , 2017 , 434, 181-195	4.2	6
78	Impact of LPS-induced cardiomyoblast cell apoptosis inhibited by earthworm extracts. <i>Cardiovascular Toxicology</i> , 2015 , 15, 172-9	3.4	6
77	E4BP4 inhibits AngII-induced apoptosis in H9c2 cardiomyoblasts by activating the PI3K-Akt pathway and promoting calcium uptake. <i>Experimental Cell Research</i> , 2018 , 363, 227-234	4.2	6
76	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	1.2	6
75	Increased expression of glucose transporter 3 in gerbil brains following magnesium sulfate treatment and focal cerebral ischemic injury. <i>Cell Biochemistry and Function</i> , 2010 , 28, 313-20	4.2	6
74	Amylin-mediated inhibition of insulin-stimulated glucose transport in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 275, E531-6	6	6
73	Suppression of isoproterenol-induced apoptosis in H9c2 cardiomyoblast cells by daidzein through activation of Akt. <i>Chinese Journal of Physiology</i> , 2016 , 59, 323-330	1.6	6
72	Pheretima aspergillum extract attenuates high-KCl-induced mitochondrial injury and pro-fibrotic events in cardiomyoblast cells. <i>Environmental Toxicology</i> , 2019 , 34, 921-927	4.2	5
71	Swim training reduces metformin levels in fructose-induced insulin resistant rats. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012 , 15, 85-93	3.4	5
70	Exercise training exacerbates tourniquet ischemia-induced decreases in GLUT4 expression and muscle atrophy in rats. <i>Life Sciences</i> , 2006 , 78, 2953-9	6.8	5
69	Cell Cycle Regulation in the Estrogen Receptor Beta (ESR2)-Overexpressing Hep3B Hepatocellular Carcinoma Cell Line. <i>Chinese Journal of Physiology</i> , 2015 , 58, 134-40	1.6	5
68	Stem cells rescue cardiomyopathy induced by P. gingivalis-LPS via miR-181b. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5869-5876	7	5

67	Effect of a two-month detraining on glucose tolerance and insulin sensitivity in athletes--link to adrenal steroid hormones. <i>Chinese Journal of Physiology</i> , 2006 , 49, 251-7	1.6	5
66	Suppression of age-dependent increase in insulinemia in early middle-aged females with exercise habit. <i>Chinese Journal of Physiology</i> , 2008 , 51, 263-8	1.6	5
65	Aging effects on glycemic control and inflammation for politicians in Taiwan. <i>Chinese Journal of Physiology</i> , 2008 , 51, 402-7	1.6	5
64	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	7	4
63	Tid1-S attenuates LPS-induced cardiac hypertrophy and apoptosis through ER-a mediated modulation of p-PI3K/p-Akt signaling cascade. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16703-16710	4.7	4
62	Protein supplementation enhances cerebral oxygenation during exercise in elite basketball players. <i>Nutrition</i> , 2018 , 53, 34-37	4.8	4
61	Adipose-derived stem cells decrease cardiomyocyte damage induced by porphyromonas gingivalis endotoxin through suppressing hypertrophy, apoptosis, fibrosis, and MAPK markers. <i>Environmental Toxicology</i> , 2018 , 33, 508-513	4.2	4
60	Data supporting the angiotensin II activates MEL18 to deSUMOylate HSF2 for hypertension-related heart failure. <i>Data in Brief</i> , 2018 , 16, 521-526	1.2	4
59	Deep Ocean Mineral Supplementation Enhances the Cerebral Hemodynamic Response during Exercise and Decreases Inflammation Postexercise in Men at Two Age Levels. <i>Frontiers in Physiology</i> , 2017 , 8, 1016	4.6	4
58	Hyperinsulinemia and overweight in obese Zucker rats effectively suppressed by exercise training with hypoxia recovery. <i>European Journal of Sport Science</i> , 2013 , 13, 221-230	3.9	4
57	Caffeine Optimizes HIIT Benefits on Obesity-associated Metabolic Adversity in Women. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1793-1800	1.2	4
56	miR-145-5p targets paxillin to attenuate angiotensin II-induced pathological cardiac hypertrophy via downregulation of Rac 1, pJNK, p-c-Jun, NFATc3, ANP and by Sirt-1 upregulation. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 3253-3260	4.2	4
55	Reduced stem cell aging in exercised human skeletal muscle is enhanced by ginsenoside Rg1. <i>Aging</i> , 2021 , 13, 16567-16576	5.6	4
54	The potential role of epigenetic modulations in BPPV maneuver exercises. <i>Oncotarget</i> , 2016 , 7, 35522-35534	3.5	4
53	Can mesenchymal stem cell lysate reverse aging?. <i>Aging</i> , 2018 , 10, 2900-2910	5.6	4
52	Hypoxic Training in Obese Mice Improves Metabolic Disorder. <i>Frontiers in Endocrinology</i> , 2019 , 10, 527	5.7	3
51	Satellite cells depletion in exercising human skeletal muscle is restored by ginseng component Rg1 supplementation. <i>Journal of Functional Foods</i> , 2019 , 58, 27-33	5.1	3
50	Does ovulation affect performance in tennis players?. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000305	3.4	3

49	<p>49 Hormetic Property of Ginseng Steroids on Anti-Oxidant Status against Exercise Challenge in Rat Skeletal Muscle. <i>Antioxidants</i>, 2017, 6,</p>	7.1	3
48	<p>48 The Effect of Elephantopus scaber L. on Liver Regeneration after Partial Hepatectomy. <i>Evidence-based Complementary and Alternative Medicine</i>, 2013, 2013, 369180</p>	2.3	3
47	<p>47 Sub-maximal exercise altered the prednisolone absorption pattern. <i>Journal of Pharmacy and Pharmaceutical Sciences</i>, 2010, 13, 58-66</p>	3.4	3
46	<p>46 Effects of swimming on the pharmacokinetics and glucose tolerance of metformin in insulin-resistant rats. <i>Biopharmaceutics and Drug Disposition</i>, 2008, 29, 300-7</p>	1.7	3
45	<p>45 Validity of the 3 min step test in moderate altitude: environmental temperature as a confounder. <i>Applied Physiology, Nutrition and Metabolism</i>, 2006, 31, 726-30</p>	3	3
44	<p>44 Environmental tobacco smoke increases autophagic effects but decreases longevity associated with Sirt-1 protein expression in young C57BL mice hearts. <i>Oncotarget</i>, 2016, 7, 39017-39025</p>	3.3	3
43	<p>43 Scientific Challenges on Theory of Fat Burning by Exercise. <i>Frontiers in Physiology</i>, 2021, 12, 685166</p>	4.6	3
42	<p>42 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</p>	2.8	3
41	<p>41 Fermented soybean enhances post-meal response in appetite-regulating hormones among Indonesian girls with obesity. <i>Obesity Research and Clinical Practice</i>, 2021, 15, 339-344</p>	5.4	3
40	<p>40 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, 689-96</p>	13.3	3
39	<p>39 Oral Ingestion of Deep Ocean Minerals Increases High-Intensity Intermittent Running Capacity in Soccer Players after Short-Term Post-Exercise Recovery: A Double-Blind, Placebo-Controlled Crossover Trial. <i>Marine Drugs</i>, 2019, 17,</p>	6	2
38	<p>38 Therapeutic effects of Dioscorea on post-menopause-induced cardiac apoptosis in rats. <i>Chinese Journal of Integrative Medicine</i>, 2016, 1</p>	2.9	2
37	<p>37 Anti-apoptotic effect of San Huang Shel Shin Tang cyclodextrin complex (SHSSTc) on CCl4-induced hepatotoxicity in rats. <i>Environmental Toxicology</i>, 2016, 31, 663-70</p>	4.2	2
36	<p>36 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, 3528932</p>	2.3	2
35	<p>35 Iron status and cardiovascular risk factors in patients with haemodialysis versus patients with ischaemic heart disease. <i>Nephrology</i>, 2009, 14, 65-9</p>	2.2	2
34	<p>34 Effect of prolonged intermittent hypoxia and exercise training on glucose tolerance and muscle GLUT4 protein expression in rats 2004, 11, 838</p>		2
33	<p>33 Aerobic exercise induces tumor suppressor p16 expression of endothelial progenitor cells in human skeletal muscle. <i>Aging</i>, 2020, 12, 20226-20234</p>	5.6	2
32	<p>32 Contrasting actions of ginsenosides Rb1 and Rg1 on glucose tolerance in rats. <i>Chinese Journal of Physiology</i>, 2019, 62, 267-272</p>	1.6	2

31	Whole-life body composition trajectory and longevity: role of insulin. <i>Aging</i> , 2021 , 13, 9719-9731	5.6	2
30	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	5.5	2
29	Deep Ocean Minerals Minimize Eccentric Exercise-Induced Inflammatory Response of Rat Skeletal Muscle. <i>Frontiers in Physiology</i> , 2018 , 9, 1351	4.6	2
28	Glucose tolerance and insulin sensitivity following an one-week volleyball competition. <i>Chinese Journal of Physiology</i> , 2006 , 49, 147-51	1.6	2
27	Carboxyl terminus of HSP70-interacting protein attenuates advanced glycation end products-induced cardiac injuries by promoting NFB proteasomal degradation.. <i>Journal of Cellular Physiology</i> , 2021 ,	7	2
26	High-protein supplementation facilitates weight training-induced bone mineralization in baseball players. <i>Nutrition</i> , 2020 , 75-76, 110760	4.8	1
25	Lower tumorigenesis without life extension in rats receiving lifelong deep ocean minerals. <i>Cancer Medicine</i> , 2020 , 9, 3964-3973	4.8	1
24	Glycyrrhiza uralensis root extract ameliorates high glucose-induced renal proximal tubular fibrosis by attenuating tubular epithelial-myofibroblast transdifferentiation by targeting TGF- β /Smad/Stat3 pathway.. <i>Journal of Food Biochemistry</i> , 2022 , e14041	3.3	1
23	Arecoline induces cardiotoxicity by upregulating and activating cardiac hypertrophy-related pathways in Sprague-Dawley rats.. <i>Chemico-Biological Interactions</i> , 2022 , 354, 109810	5	1
22	Hot Water Bathing Impairs Training Adaptation in Elite Teen Archers. <i>Chinese Journal of Physiology</i> , 2018 , 61, 118-123	1.6	1
21	Differences in force gradation between tug-of-war athletes and non-athletes during rhythmic force tracking at high exertion levels. <i>Chinese Journal of Physiology</i> , 2016 , 59, 260-267	1.6	1
20	Cross-generation link between inactive behavior of schoolchildren and metabolic disease category of parents. <i>Chinese Journal of Physiology</i> , 2012 , 55, 108-13	1.6	1
19	Small Molecule Compound Nerolidol attenuates Hypertension induced hypertrophy in spontaneously hypertensive rats through modulation of Mel-18-IGF-IIR signalling. <i>Phytomedicine</i> , 2021 , 84, 153450	6.5	1
18	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	14.8	1
17	Leu IGF-II-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	4.2	1
16	Exercise Against Aging: Darwinian Natural Selection Among Fit and Unfit Cells Inside Human Body. <i>Journal of Science in Sport and Exercise</i> , 2019 , 1, 54-58	1	0
15	Oral <i>Lactobacillus reuteri</i> GMN-32 treatment reduces blood glucose concentrations and promotes cardiac function in rats with streptozotocin-induced diabetes mellitus -- Retraction. <i>British Journal of Nutrition</i> , 2014 , 111, 1712	3.6	0
14	Physiological stress against simulated 200-m and 500-m sprints in world-class boat paddlers. <i>Chinese Journal of Physiology</i> , 2020 , 63, 15-20	1.6	0

13	Tanshinone IIA inhibits Leu27IGF-II-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	4.2	o
12	Wand Stretching Exercise Decreases Abdominal Obesity Among Adults With High Body Mass Index Without Altering Fat Oxidation. <i>Frontiers in Physiology</i> , 2020 , 11, 565573	4.6	o
11	IGF IIR-triggered pathological manifestations in the heart aggravate renal inflammation in STZ-induced type-I diabetes rats. <i>Aging</i> , 2021 , 13, 17536-17547	5.6	o
10	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	7.8	o
9	Improving glucose tolerance by muscle-damaging exercise. <i>Journal of Traditional and Complementary Medicine</i> , 2017 , 7, 141-144	4.6	
8	Childhood overweight/obesity and social inequality in peri-urban regions of Taipei. <i>Habitat International</i> , 2018 , 73, 1-5	4.6	
7	Perturbations of the stress-induced GLUT4 localization pathway in slow-twitch muscles of obese Zucker rats. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 297-305	5	
6	Regression to the mean: Error reduction versus blood pressure normalization by sports training. <i>Journal of Sports Sciences</i> , 2011 , 29, 645-647	3.6	
5	Characteristics of Glycemic Control in Taiwanese Children with Asthma. <i>Pediatric Exercise Science</i> , 2006 , 18, 262-272	2	
4	Anti-apoptotic Effects of Diosgenin on Ovariectomized Hearts.. <i>Steroids</i> , 2022 , 108980	2.8	
3	Pre-exercise Carbohydrate Drink Adding Protein Improves Post-exercise Fatigue Recovery. <i>Frontiers in Physiology</i> , 2021 , 12, 765473	4.6	
2	Anti-apoptotic and pro-survival effects of longan flower extracts on rat hearts with fructose-induced metabolic syndrome. <i>Environmental Toxicology</i> , 2021 , 36, 1021-1030	4.2	
1	Vascular function in the aging human brain during muscle exertion.. <i>Aging</i> , 2022 , 14, 3910-3920	5.6	