

Jin Han

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

5,523
citations

94433

37
h-index

128289

60
g-index

205
all docs

205
docs citations

205
times ranked

8380
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status on the therapeutic strategies for heart failure and diabetic cardiomyopathy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112463.	5.6	16
2	Gallic acid-mitochondria targeting sequence-H ₃ R ₉ induces mitochondria-targeted cytoprotection. <i>Korean Journal of Physiology and Pharmacology</i> , 2022, 26, 15-24.	1.2	2
3	Cereblon contributes to cardiac dysfunction by degrading Cav1.2. <i>European Heart Journal</i> , 2022, 43, 1973-1989.	2.2	8
4	Tomatidine-stimulated maturation of human embryonic stem cell-derived cardiomyocytes for modeling mitochondrial dysfunction. <i>Experimental and Molecular Medicine</i> , 2022, 54, 493-502.	7.7	14
5	Peroxiredoxin 3 deficiency induces cardiac hypertrophy and dysfunction by impaired mitochondrial quality control. <i>Redox Biology</i> , 2022, 51, 102275.	9.0	17
6	Endoplasmic reticulum regulates differentiation of tonsil-derived mesenchymal stem cells into chondrocytes through ERK signaling. <i>BMB Reports</i> , 2022, 55, 226-231.	2.4	0
7	Phosphorylation in Novel Mitochondrial Creatine Kinase Tyrosine Residues Render Cardioprotection against Hypoxia/Reoxygenation Injury. <i>Journal of Lipid and Atherosclerosis</i> , 2021, 10, 223.	3.5	5
8	Moderate aerobic exercise training ameliorates impairment of mitochondrial function and dynamics in skeletal muscle of high-fat diet-induced obese mice. <i>FASEB Journal</i> , 2021, 35, e21340.	0.5	16
9	Majonoside-R2 extracted from Vietnamese ginseng protects H9C2 cells against hypoxia/reoxygenation injury via modulating mitochondrial function and biogenesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 36, 127814.	2.2	5
10	Ablation of CRBN induces loss of type I collagen and SCH in mouse skin by fibroblast senescence via the p38 MAPK pathway. <i>Aging</i> , 2021, 13, 6406-6419.	3.1	7
11	Echinochrome A Treatment Alleviates Fibrosis and Inflammation in Bleomycin-Induced Scleroderma. <i>Marine Drugs</i> , 2021, 19, 237.	4.6	20
12	Multifaceted Clinical Effects of Echinochrome. <i>Marine Drugs</i> , 2021, 19, 412.	4.6	27
13	Apoptin gene delivery by a PAMAM dendrimer modified with a nuclear localization signal peptide as a gene carrier for brain cancer therapy. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 467-478.	1.2	8
14	Echinochrome A Protects against Ultraviolet B-induced Photoaging by Lowering Collagen Degradation and Inflammatory Cell Infiltration in Hairless Mice. <i>Marine Drugs</i> , 2021, 19, 550.	4.6	9
15	Cereblon: promise and challenges for combating human diseases. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 1695-1711.	2.8	6
16	Hepatokines as a Molecular Transducer of Exercise. <i>Journal of Clinical Medicine</i> , 2021, 10, 385.	2.4	17
17	Effects of exercise on AKT/PGC1- β /FOXO3a pathway and muscle atrophy in cisplatin-administered rat skeletal muscle. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 585-592.	1.2	8
18	Echinochrome A Treatment Alleviates Atopic Dermatitis-like Skin Lesions in NC/Nga Mice via IL-4 and IL-13 Suppression. <i>Marine Drugs</i> , 2021, 19, 622.	4.6	15

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19	Effects of cisplatin on mitochondrial function and autophagy-related proteins in skeletal muscle of rats. <i>BMB Reports</i> , 2021, 54, 575-580.	2.4	4
20	Effects of cisplatin on mitochondrial function and autophagy-related proteins in skeletal muscle of rats. <i>BMB Reports</i> , 2021, 54, 575-580.	2.4	0
21	Synergism of a novel MCL1 downregulator, acriflavine, with navitoclax (ABT263) in triple-negative breast cancer, lung adenocarcinoma and glioblastoma multiforme. <i>International Journal of Oncology</i> , 2021, 60, .	3.3	4
22	Cardiac adaptation to exercise training in health and disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 155-168.	2.8	26
23	HS-1793 protects C2C12 cells from oxidative stress via mitochondrial function regulation. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 359-365.	1.7	4
24	Exercise Training Protects against Atorvastatin-Induced Skeletal Muscle Dysfunction and Mitochondrial Dysfunction in the Skeletal Muscle of Rats. <i>Journal of Clinical Medicine</i> , 2020, 9, 2292.	2.4	4
25	Back to basic, back to the future: searching for vital signals of life. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 1431-1432.	2.8	0
26	Aging Promotes Mitochondria-Mediated Apoptosis in Rat Hearts. <i>Life</i> , 2020, 10, 178.	2.4	13
27	Exercise-Induced Circulating Irisin Level Is Correlated with Improved Cardiac Function in Rats. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3863.	2.6	13
28	The Protective Effect of Echinochrome A on Extracellular Matrix of Vocal Folds in Ovariectomized Rats. <i>Marine Drugs</i> , 2020, 18, 77.	4.6	5
29	Exercise: from physiology to bedside to physiology. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 135-135.	2.8	0
30	Circadian modulation of the cardiac proteome underpins differential adaptation to morning and evening exercise training: an LC-MS/MS analysis. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 259-269.	2.8	7
31	Evaluation of global expression of selected genes as potential candidates for internal normalizing control during transcriptome analysis in dromedary camel (<i>Camelus dromedarius</i>). <i>Small Ruminant Research</i> , 2020, 184, 106050.	1.2	10
32	Exchange protein directly activated by cAMP (Epac) 1 plays an essential role in stress-induced exercise capacity by regulating PGC-1 α and fatty acid metabolism in skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 195-216.	2.8	7
33	Tetrahydrobiopterin in energy metabolism and metabolic diseases. <i>Pharmacological Research</i> , 2020, 157, 104827.	7.1	25
34	BH4 activates CaMKK2 and rescues the cardiomyopathic phenotype in rodent models of diabetes. <i>Life Science Alliance</i> , 2020, 3, e201900619.	2.8	10
35	Tetrahydrobiopterin enhances mitochondrial biogenesis and cardiac contractility via stimulation of PGC1 α signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165524.	3.8	12
36	A new stone for a new path, from "physiology to the bedside": <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 1043-1044.	2.8	0

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37	Therapeutic Cell Protective Role of Histocholesterol under Oxidative Stress in Human Cardiac Progenitor Cells. <i>Marine Drugs</i> , 2019, 17, 368.	4.6	21
38	Cationic Oligopeptide-Functionalized Mitochondria Targeting Sequence Show Mitochondria Targeting and Anticancer Activity. <i>Macromolecular Research</i> , 2019, 27, 1071-1080.	2.4	10
39	Echinochrome A Reduces Colitis in Mice and Induces In Vitro Generation of Regulatory Immune Cells. <i>Marine Drugs</i> , 2019, 17, 622.	4.6	24
40	Smac Gene Delivery by the Glycol Chitosan with Low Molecular Weight Polyethylenimine Induces Apoptosis of Cancer Cells for Combination Therapy with Etoposide. <i>Macromolecular Research</i> , 2019, 27, 944-954.	2.4	1
41	Echinochrome A Promotes Ex Vivo Expansion of Peripheral Blood-Derived CD34+ Cells, Potentially through Downregulation of ROS Production and Activation of the Src-Lyn-p110 β Pathway. <i>Marine Drugs</i> , 2019, 17, 526.	4.6	15
42	Echinochrome A Attenuates Cerebral Ischemic Injury through Regulation of Cell Survival after Middle Cerebral Artery Occlusion in Rat. <i>Marine Drugs</i> , 2019, 17, 501.	4.6	17
43	The protective effects of echinochrome A structural analogs against oxidative stress and doxorubicin in AC16 cardiomyocytes. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 407-414.	1.7	7
44	Gekkonidae, Lizard tail extracts elicit apoptotic response against non-small cell lung cancer via inhibiting Akt signaling. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 109050.	5.6	1
45	Aerobic Exercise Training Decreases Hepatic Asprosin in Diabetic Rats. <i>Journal of Clinical Medicine</i> , 2019, 8, 666.	2.4	40
46	Resistance Exercise Training Attenuates the Loss of Endogenous GLP-1 Receptor in the Hypothalamus of Type 2 Diabetic Rats. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 830.	2.6	6
47	Polyplexes of Functional PAMAM Dendrimer/Apoptin Gene Induce Apoptosis of Human Primary Glioma Cells In Vitro. <i>Polymers</i> , 2019, 11, 296.	4.5	19
48	Exercise physiology: future opportunities and challenges. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 381-381.	2.8	1
49	Exercise as A Potential Therapeutic Target for Diabetic Cardiomyopathy: Insight into the Underlying Mechanisms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6284.	4.1	18
50	Rescue of TCA Cycle Dysfunction for Cancer Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 2161.	2.4	29
51	Spinochrome D Attenuates Doxorubicin-Induced Cardiomyocyte Death via Improving Glutathione Metabolism and Attenuating Oxidative Stress. <i>Marine Drugs</i> , 2019, 17, 2.	4.6	44
52	Effects of a single bout of exercise on mitochondria-mediated apoptotic signaling in rat cardiac and skeletal muscles. <i>Journal of Exercise Rehabilitation</i> , 2019, 15, 512-517.	1.0	13
53	Modulation of Mitochondrial ER α Expression Inhibits Triple-Negative Breast Cancer Tumor Progression by Activating Mitochondrial Function. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 468-485.	1.6	25
54	Effects of Acute Exercise on Mitochondrial Function, Dynamics, and Mitophagy in Rat Cardiac and Skeletal Muscles. <i>International Neurourology Journal</i> , 2019, 23, S22-31.	1.2	29

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55	DQAsomes Nanoparticles Promote Osteogenic Differentiation of Human Adipose-derived Mesenchymal Stem Cells. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 97-104.	1.9	4
56	Exercise training causes a partial improvement through increasing testosterone and eNOS for erectile function in middle-aged rats. <i>Experimental Gerontology</i> , 2018, 108, 131-138.	2.8	17
57	Gaseous Signaling Molecules in Cardiovascular Function: From Mechanisms to Clinical Translation. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2018, 174, 81-156.	1.6	24
58	Dequalinium-based functional nanosomes show increased mitochondria targeting and anticancer effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 124, 104-115.	4.3	39
59	Alternative splicing isoforms in health and disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 995-1016.	2.8	121
60	Overexpression of peroxiredoxin-3 and -5 is a potential biomarker for prognosis in endometrial cancer. <i>Oncology Letters</i> , 2018, 15, 5111-5118.	1.8	14
61	Resistance exercise improves cardiac function and mitochondrial efficiency in diabetic rat hearts. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 263-275.	2.8	22
62	The role of decorin in cardiovascular diseases: more than just a decoration. <i>Free Radical Research</i> , 2018, 52, 1210-1219.	3.3	26
63	Cyclic stretch increases mitochondrial biogenesis in a cardiac cell line. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 768-774.	2.1	7
64	Exercise Training Attenuates Obesity-Induced Skeletal Muscle Remodeling and Mitochondria-Mediated Apoptosis in the Skeletal Muscle. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2301.	2.6	25
65	A Novel Atypical PKC- ι Inhibitor, Echinochrome A, Enhances Cardiomyocyte Differentiation from Mouse Embryonic Stem Cells. <i>Marine Drugs</i> , 2018, 16, 192.	4.6	18
66	You're Not under Arrest: Worry-free with \hat{I}^2 -arrestin. <i>Korean Circulation Journal</i> , 2018, 48, 325.	1.9	0
67	Pharmacologic inhibition of AKT leads to cell death in relapsed multiple myeloma. <i>Cancer Letters</i> , 2018, 432, 205-215.	7.2	4
68	C1q/TNF- \hat{I} -Related Protein 1 (CTRP1) Maintains Blood Pressure Under Dehydration Conditions. <i>Circulation Research</i> , 2018, 123, e5-e19.	4.5	21
69	Ursolic acid in health and disease. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 235.	1.2	139
70	Aerobic exercise training decreases cereblon and increases AMPK signaling in the skeletal muscle of STZ-induced diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 448-453.	2.1	14
71	Hemodynamics in diabetic human aorta using computational fluid dynamics. <i>PLoS ONE</i> , 2018, 13, e0202671.	2.5	9
72	Effects of aging on mitochondrial hydrogen peroxide emission and calcium retention capacity in rat heart. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 920-926.	1.0	9

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73	Cryopreservation and its clinical applications. Integrative Medicine Research, 2017, 6, 12-18.	1.8	279
74	Generation of PDGFR α ⁺ Cardioblasts from Pluripotent Stem Cells. Scientific Reports, 2017, 7, 41840.	3.3	12
75	Glucocorticoid receptor positively regulates transcription of FNDC5 in the liver. Scientific Reports, 2017, 7, 43296.	3.3	29
76	Apoptin Gene Delivery by the Functionalized Polyamidoamine Dendrimer Derivatives Induces Cell Death of U87-MG Glioblastoma Cells. Journal of Pharmaceutical Sciences, 2017, 106, 1618-1633.	3.3	26
77	Current and upcoming mitochondrial targets for cancer therapy. Seminars in Cancer Biology, 2017, 47, 154-167.	9.6	41
78	Mitochondrial Mutations in Cardiac Disorders. Advances in Experimental Medicine and Biology, 2017, 982, 81-111.	1.6	25
79	Cardiovascular Protective Effects and Clinical Applications of Resveratrol. Journal of Medicinal Food, 2017, 20, 323-334.	1.5	76
80	Acute and Chronic Exercise in Animal Models. Advances in Experimental Medicine and Biology, 2017, 999, 55-71.	1.6	13
81	Energy metabolism and whole-exome sequencing-based analysis of Sasang constitution: a pilot study. Integrative Medicine Research, 2017, 6, 165-178.	1.8	4
82	Functional nanosome for enhanced mitochondria-targeted gene delivery and expression. Mitochondrion, 2017, 37, 27-40.	3.4	36
83	Exercise-Induced Mitochondrial Adaptations in Addressing Heart Failure. Advances in Experimental Medicine and Biology, 2017, 1000, 323-332.	1.6	1
84	Formyl Peptide Receptor 2 Is Involved in Cardiac Repair After Myocardial Infarction Through Mobilization of Circulating Angiogenic Cells. Stem Cells, 2017, 35, 654-665.	3.2	33
85	Effects of exercise on obesity-induced mitochondrial dysfunction in skeletal muscle. Korean Journal of Physiology and Pharmacology, 2017, 21, 567.	1.2	58
86	Apoptin Gene Delivery by the Functionalized Polyamidoamine (PAMAM) Dendrimer Modified with Ornithine Induces Cell Death of HepG2 Cells. Polymers, 2017, 9, 197.	4.5	13
87	Mitochondrial Nucleoid: Shield and Switch of the Mitochondrial Genome. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-15.	4.0	95
88	Time-dependent proteomic and genomic alterations in Toll-like receptor-4-activated human chondrocytes: increased expression of lamin A/C and annexins. Korean Journal of Physiology and Pharmacology, 2017, 21, 531.	1.2	4
89	Mitochondrial DNA mitochondrial dysfunction and cardiac manifestations. Frontiers in Bioscience - Landmark, 2017, 22, 1177-1194.	3.0	24
90	Ursolic acid supplementation decreases markers of skeletal muscle damage during resistance training in resistance-trained men: a pilot study. Korean Journal of Physiology and Pharmacology, 2017, 21, 651.	1.2	11

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91	Mitochondrial Metabolic Inhibition and Cardioprotection. Korean Circulation Journal, 2017, 47, 168.	1.9	3
92	Mitochondria-Targeted Antioxidants for the Treatment of Cardiovascular Disorders. Advances in Experimental Medicine and Biology, 2017, 982, 621-646.	1.6	18
93	Peroxiredoxin 3 maintains the survival of endometrial cancer stem cells by regulating oxidative stress. Oncotarget, 2017, 8, 92788-92800.	1.8	15
94	Mitochondrial calcium uniporter inhibition attenuates mouse bone marrow-derived mast cell degranulation induced by beta-1,3-glucan. Korean Journal of Physiology and Pharmacology, 2016, 20, 213.	1.2	4
95	NecroX-5 exerts anti-inflammatory and anti-fibrotic effects via modulation of the TNF α /Dcn/TGF β 1/Smad2 pathway in hypoxia/reoxygenation-treated rat hearts. Korean Journal of Physiology and Pharmacology, 2016, 20, 305.	1.2	15
96	Voluntary stand-up physical activity enhances endurance exercise capacity in rats. Korean Journal of Physiology and Pharmacology, 2016, 20, 287.	1.2	9
97	NecroX-5 protects mitochondrial oxidative phosphorylation capacity and preserves PGC1 α expression levels during hypoxia/reoxygenation injury. Korean Journal of Physiology and Pharmacology, 2016, 20, 201.	1.2	15
98	Post-Translational Modifications of Cardiac Mitochondrial Proteins in Cardiovascular Disease: Not Lost in Translation. Korean Circulation Journal, 2016, 46, 1.	1.9	18
99	Mitochondrial DNA mitochondrial dysfunction and cardiac manifestations. Frontiers in Bioscience - Landmark, 2016, 21, 1410-1426.	3.0	5
100	Cereblon in health and disease. Pflugers Archiv European Journal of Physiology, 2016, 468, 1299-1309.	2.8	43
101	Age-related changes in skeletal muscle mitochondria: the role of exercise. Integrative Medicine Research, 2016, 5, 182-186.	1.8	58
102	Mitochondrial pyruvate dehydrogenase phosphatase 1 regulates the early differentiation of cardiomyocytes from mouse embryonic stem cells. Experimental and Molecular Medicine, 2016, 48, e254-e254.	7.7	17
103	Characterization of glycol chitosan grafted with low molecular weight polyethylenimine as a gene carrier for human adipose-derived mesenchymal stem cells. Carbohydrate Polymers, 2016, 153, 379-390.	10.2	15
104	Dipeptide-functionalized polyamidoamine dendrimer-mediated apoptin gene delivery facilitates apoptosis of human primary glioma cells. International Journal of Pharmaceutics, 2016, 515, 186-200.	5.2	33
105	Characterization of basic amino acids-conjugated PAMAM dendrimers as gene carriers for human adipose-derived mesenchymal stem cells. International Journal of Pharmaceutics, 2016, 501, 75-86.	5.2	20
106	Cardiac Response to Oxidative Stress Induced by Mitochondrial Dysfunction. Reviews of Physiology, Biochemistry and Pharmacology, 2016, 170, 101-127.	1.6	21
107	The direct modulatory activity of zinc toward ion channels. Integrative Medicine Research, 2015, 4, 142-146.	1.8	29
108	Low abundance of mitochondrial DNA changes mitochondrial status and renders cells resistant to serum starvation and sodium nitroprusside insult. Cell Biology International, 2015, 39, 865-872.	3.0	5

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109	The Critical Roles of Zinc: Beyond Impact on Myocardial Signaling. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 389.	1.2	42
110	Mitochondrial metabolism in cancer stem cells: a therapeutic target for colon cancer. <i>BMB Reports</i> , 2015, 48, 539-540.	2.4	27
111	Fucoidan from <i>Fucus vesiculosus</i> Protects against Alcohol-Induced Liver Damage by Modulating Inflammatory Mediators in Mice and HepG2 Cells. <i>Marine Drugs</i> , 2015, 13, 1051-1067.	4.6	53
112	Inhibition of Aerobic Glycolysis Represses Akt/mTOR/HIF-1 α Axis and Restores Tamoxifen Sensitivity in Antiestrogen-Resistant Breast Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0132285.	2.5	103
113	Echinochrome A Improves Exercise Capacity during Short-Term Endurance Training in Rats. <i>Marine Drugs</i> , 2015, 13, 5722-5731.	4.6	28
114	Pyridine Nucleosides Neopetrosides A and B from a Marine <i>Neopetrosia</i> sp. Sponge. Synthesis of Neopetroside A and Its β -Riboside Analogue. <i>Journal of Natural Products</i> , 2015, 78, 1383-1389.	3.0	24
115	Essential Role of Mitochondrial Ca ²⁺ Uniporter in the Generation of Mitochondrial pH Gradient and Metabolism-Secretion Coupling in Insulin-releasing Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 4086-4096.	3.4	60
116	Echinochrome A regulates phosphorylation of phospholamban Ser16 and Thr17 suppressing cardiac SERCA2A Ca ²⁺ reuptake. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 2151-2163.	2.8	21
117	Mitochondria as therapeutic targets for cancer stem cells. <i>World Journal of Stem Cells</i> , 2015, 7, 418.	2.8	48
118	FOXM1-Induced PRX3 Regulates Stemness and Survival of Colon Cancer Cells via Maintenance of Mitochondrial Function. <i>Gastroenterology</i> , 2015, 149, 1006-1016.e9.	1.3	90
119	Influence of starvation on heart contractility and corticosterone level in rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 2351-2360.	2.8	18
120	KSP inhibitor SB743921 induces death of multiple myeloma cells via inhibition of the NF- κ B signaling pathway. <i>BMB Reports</i> , 2015, 48, 571-576.	2.4	10
121	Kinesin Spindle Protein Inhibition in Translational Research. <i>Journal of Lipid and Atherosclerosis</i> , 2014, 3, 63.	3.5	5
122	Effects of aged garlic extract and endurance exercise on skeletal muscle FNDC-5 and circulating irisin in high-fat-diet rat models. <i>Nutrition Research and Practice</i> , 2014, 8, 177.	1.9	35
123	Relationship between Tetrahydrobiopterin and Portal Hypertension in Patients with Chronic Liver Disease. <i>Journal of Korean Medical Science</i> , 2014, 29, 392.	2.5	10
124	Different effects of prolonged β -adrenergic stimulation on heart and cerebral artery. <i>Integrative Medicine Research</i> , 2014, 3, 204-210.	1.8	21
125	Necro- α 5 suppresses sodium nitroprusside-induced cardiac cell death through inhibition of JNK and caspase- β activation. <i>Cell Biology International</i> , 2014, 38, 702-707.	3.0	11
126	A mutation in the mitochondrial protein UQCRB promotes angiogenesis through the generation of mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 290-297.	2.1	30

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127	Cardiac Damage Biomarkers Following a Triathlon in Elite and Non-elite Triathletes. Korean Journal of Physiology and Pharmacology, 2014, 18, 419.	1.2	12
128	Ursolic Acid-Induced Elevation of Serum Irisin Augments Muscle Strength During Resistance Training in Men. Korean Journal of Physiology and Pharmacology, 2014, 18, 441.	1.2	60
129	Cationic oligopeptide-conjugated mitochondria targeting sequence as a novel carrier system for mitochondria. Macromolecular Research, 2014, 22, 42-46.	2.4	7
130	Modeling of stochastic behavior of pacemaker potential in interstitial cells of Cajal. Progress in Biophysics and Molecular Biology, 2014, 116, 56-69.	2.9	6
131	Dual Modulation of the Mitochondrial Permeability Transition Pore and Redox Signaling Synergistically Promotes Cardiomyocyte Differentiation From Pluripotent Stem Cells. Journal of the American Heart Association, 2014, 3, e000693.	3.7	52
132	Polyethylenimine-grafted polyamidoamine conjugates for gene delivery with high efficiency and low cytotoxicity. Macromolecular Research, 2014, 22, 757-764.	2.4	8
133	B7-H4 downregulation induces mitochondrial dysfunction and enhances doxorubicin sensitivity via the cAMP/CREB/PGC1- β signaling pathway in HeLa cells. Pflugers Archiv European Journal of Physiology, 2014, 466, 2323-2338.	2.8	22
134	Humanized animal exercise model for clinical implication. Pflugers Archiv European Journal of Physiology, 2014, 466, 1673-1687.	2.8	65
135	Echinochrome A Protects Mitochondrial Function in Cardiomyocytes against Cardiotoxic Drugs. Marine Drugs, 2014, 12, 2922-2936.	4.6	65
136	Acetylcholinesterase Inhibitory Activity of Pigment Echinochrome A from Sea Urchin Scaphechinus mirabilis. Marine Drugs, 2014, 12, 3560-3573.	4.6	31
137	Echinochrome A Increases Mitochondrial Mass and Function by Modulating Mitochondrial Biogenesis Regulatory Genes. Marine Drugs, 2014, 12, 4602-4615.	4.6	51
138	Kobophenol A Inhibits Sodium Nitroprusside-Induced Cardiac H9c2 Cell Death through Suppressing Activation of JNK and Preserving Mitochondrial Anti-apoptotic Bcl-2 and Mcl-1. Chemical and Pharmaceutical Bulletin, 2014, 62, 713-718.	1.3	8
139	Effects of aged garlic extract and endurance exercise on skeletal muscle FNDC-5 and circulating irisin in high-fat-diet rat models. Nutrition Research and Practice, 2014, 8, 177.	1.9	2
140	Exercise perspective on common cardiac medications. Integrative Medicine Research, 2013, 2, 49-55.	1.8	5
141	HS-1793, a recently developed resveratrol analogue protects rat heart against hypoxia/reoxygenation injury via attenuating mitochondrial damage. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4225-4229.	2.2	10
142	The combined effects of physical exercise training and detraining on adiponectin in overweight and obese children. Integrative Medicine Research, 2013, 2, 145-150.	1.8	22
143	Morning and evening exercise. Integrative Medicine Research, 2013, 2, 139-144.	1.8	24
144	Pu-18-N-butylimide-NMGA-GNP conjugate is effective against hepatocellular carcinoma. Integrative Medicine Research, 2013, 2, 106-111.	1.8	7

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145	Effects of the novel angiotensin II receptor type I antagonist, fimasartan on myocardial ischemia/reperfusion injury. <i>International Journal of Cardiology</i> , 2013, 168, 2851-2859.	1.7	30
146	A matter of life, death and diseases: mitochondria from a proteomic perspective. <i>Expert Review of Proteomics</i> , 2013, 10, 97-111.	3.0	16
147	Glucocorticoids and their receptors: Insights into specific roles in mitochondria. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 112, 44-54.	2.9	68
148	Functional expression of smooth muscle-specific ion channels in TGF- β ¹ -treated human adipose-derived mesenchymal stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C377-C391.	4.6	38
149	Mitochondrial modulation decreases the bortezomib-resistance in multiple myeloma cells. <i>International Journal of Cancer</i> , 2013, 133, 1357-1367.	5.1	67
150	Alteration of ATP-sensitive K ⁺ channels in rabbit aortic smooth muscle during left ventricular hypertrophy. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C170-C178.	4.6	6
151	Yoga Training Improves Metabolic Parameters in Obese Boys. <i>Korean Journal of Physiology and Pharmacology</i> , 2012, 16, 175.	1.2	63
152	NecroX-5 prevents hypoxia/reoxygenation injury by inhibiting the mitochondrial calcium uniporter. <i>Cardiovascular Research</i> , 2012, 94, 342-350.	3.8	61
153	An Analogue of Resveratrol HS-1793 Exhibits Anticancer Activity Against MCF-7 Cells Via Inhibition of Mitochondrial Biogenesis Gene Expression. <i>Molecules and Cells</i> , 2012, 34, 357-366.	2.6	29
154	Amino acid-modified bioreducible poly(amidoamine) dendrimers: Synthesis, characterization and In vitro evaluation. <i>Macromolecular Research</i> , 2012, 20, 1156-1162.	2.4	15
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